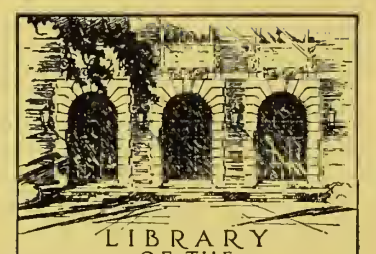

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Vol. 65

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

APR [illegible] 1956

JANUARY 1956
Volume LXV No. 1

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NORTH DAKOTA - JANUARY 1956

WEATHER SUMMARY

Temperatures averaged below normal on most days during January. Considerable snow fell during the month. The snow covered the ranges and the livestock required yard feeding. Feed supplies continued adequate and the livestock were in fair to good condition.

Brief warm and cool spells alternated during the first half of January but daily mean temperatures were above normal on most days during that period. A polar front crossed the State on the night of the 13th and was followed by an invasion of Arctic air with temperatures plunging to about 20 degrees below normal. The cold weather persisted until the 22d. Temperatures averaged near or slightly above normal from the 23d to 28th. The last three days were cold as Arctic air again overspread the State. Most stations registered their highest maximums during the first few days. Temperatures reached near or slightly above 50 degrees over several southwestern counties on the 4th. The highest maximums in the extreme northeast ranged from 28 degrees to 35 degrees. They occurred on the 2d, 5th, or 9th. Maximums above 32 degrees were reached at all stations except a few in the extreme northeast. The lowest minimums occurred on the 20th at almost all stations. They ranged from slightly below -20 degrees over the extreme southwest to near or slightly colder than -30 degrees at some north central and western stations. The absolute temperature range was from -32 degrees at Langdon on the 19th to 53 degrees at Amidon and Beach on the 5th. Monthly mean temperatures ranged from -0.5 degree at Munich 4 SW to 15.2 degrees at Marmarth. Monthly mean temperatures were above normal at a few eastern stations but were below normal at western stations except at Marmarth 4 SW. Temperatures at Bismarck averaged 4.5 degrees below normal. At the other extreme, temperatures at Ellendale averaged 1.1 degrees above normal.

Light snow flurries occurred on several days during the first half of the month. Heavier snows occurred on the 14th, 15th, and from the 23d to 28th. Several inches of new snow fell over the east and central and parts of the west during the latter period. At the beginning of the month, the snow cover ranged from one inch over the southwest to 12 inches over the northeast. By the end of January the snow cover ranged from four inches over the southwest to 24 inches over the northeast. Walhalla received the most new snow during the month, 21.6 inches. Precipitation totals, which include melted snow samples, ranged from 0.02 inch at Sentinel Butte 20 S to 2.33 inches at Walhalla. Precipitation exceeded the normals at most stations over the eastern and south central parts of the State but was less than normal at most stations over the northwest.

Freezing rain on January 1 over the southwestern part of the State made highway travel dangerous and impossible in a few places. The glaze in the Bismarck vicinity measured from one-fourth to one-half inch thick. The streets of Bismarck were icy throughout the month. In general the weather was faovrable for livestock and for doing the necessary outdoor chores. The livestock required yard feeding but feed supplies were adequate and the livestock continued in fair to good condition. Poor visibility slowed down highway and air travel at times in the Fargo vicinity. Near blizzard conditions prevailed in the Bismarck vicinity on the 14th, 15th, and 27th. Although the temperatures averaged quite cold and there was more than the usual amount of snowfall, the storms did not cause great hardship to the citizens. At the end of the month, the ice in the Missouri River at Bismarck was 35 inches thick.

Lucius W. Dye

1956-57

SUPPLEMENTAL DATA

NORTH OAKOTA
JANUARY 1956

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
Bismarck WB Airport	E	18	10.3	40	NW	5	81	81	79	83	7	2	5	0	0	0	14	57	5.1
Devils Lake WB City	-	-	8.3	33	NW	5	-	-	-	-	19	3	3	1	0	0	26	58	6.1
Fargo WB Airport	SSE	15	15.5	48	SE	8	73	73	72	75	14	5	3	0	0	0	22	53	6.7
Williston WB City	-	-	5.9	23	NW	5	73	74	66	68	10	6	0	0	0	0	16	61	5.6

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature														Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from long-term mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from long-term mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EASTERN OIVISION																							
AMENIA	17.2	- 3.3	7.0		41	5	-21	20	1799	0	28	31	19	0.66		0.16	25	9.0	11	28+	2	0	0
ARVILLA STATE PARK	15.5	- 8.1	3.7		37	5	-26	22+	1897	0	29	31	22	1.09		0.34	28				4	0	0
CARRINGTON AM	14.7	- 4.6	5.1		39	6	-23	20+	1856	0	28	31	22	0.65	0.13	0.30	25	8.3			2	0	0
CAVALIER	13.7	- 6.5	3.6		35	5	-22	7+	1902	0	30	31	21	0.92		0.26	25	13.7			4	0	0
COOPERSTOWN	16.6	- 4.7	6.0		38	5	-24	20	1826	0	28	31	19	1.01	0.54	0.28	25	11.6	25	28+	5	0	0
OEVILS LAKE W8 CITY R	12.1	- 7.1	2.5	- 2.3	36	5	-25	20	1936	0	30	31	20	1.35	- 0.95	0.70	27	15.5	23	27+	4	1	0
EOGELEY EXP FARM AM	19.1	- 2.4	8.4	- 0.6	46	6	-22	20	1753	0	23	31	17	0.40	- 0.04	0.18	25	5.5	7	28+	2	0	0
EOMORE 1 W	13.5	- 9.0M	2.3M		33	5	-28	20+	1945	0	30	31		0.92		0.52	27	12.0	23	27+	4	1	0
ELLENOALE	21.5	0.2	10.9	1.1	49	5	-20	20+	1675	0	23	31	14	0.87	0.33	0.30	24	10.9	8	27+	4	0	0
ENOERLIN AM	18.7M	- 3.7M	7.5M		47	6	-21	21+	1780	0	26	31	17	0.62		0.23	25+	10.0	10	28+	3	0	0
FARGO W8 AP R //	15.3	- 3.2	6.1	- 1.0	36	5	-21	19	1826	0	28	31	17	0.72	0.12	0.27	27	7.9	7	27+	3	0	0
FORMAN	19.9	- 1.6	9.2		45	5	-23	20	1727	0	24	31	16	0.89	0.40	0.60	25				2	1	0
FULLERTON	20.1	- 0.6	9.8	- 0.3	47	5	-21	20	1709	0	26	31	14	1.16	0.29	0.47	24	11.3	8	27	4	0	0
GACKLE	19.2	- 3.5	7.9		41	5	-25	20	1771	0	25	31	18	0.83		0.31	27	7.0	7	27+	3	0	0
GRAFTON	13.4	- 5.9	3.8	- 0.9	28	2+	-20	7+	1897	0	31	31	23	1.44	0.72	0.57	25	19.8	27	28+	5	1	0
GRANO FORKS CAA AP R	12.7	- 7.4	2.7		30	13	-22	19+	1931	0	31	31	22	1.35		0.34	27	16.2	17	28+	6	0	0
GRANO FORKS UNIVERSITY	14.0	- 5.3	4.4	0.0	32	5	-22	20	1878	0	31	31	23	1.10	0.50	0.29	27	11.9	17	28+	4	0	0
GRANO RAPIOS 1 N	20.5	- 3.3	8.6		50	5	-26	20	1747	0	23	31	17	0.73		0.23	25	8.2	8	27+	2	0	0
HANKINSON R R STATION AM	18.7	- 3.4	7.7	- 1.5	43	6	-21	20	1774	0	27	31	17	0.52	- 0.04	0.18	15	5.5			3	0	0
HANNAH	11.3	- 9.9	0.7		36	5	-30	19+	1993	0	30	31	25	0.83	0.29	0.26	25	9.0	18	28+	3	0	0
HILLS8ORO	16.8	- 4.0	6.4	0.1	37	5	-22	23	1815	0	28	31	20	0.83	0.30	0.53	28	9.0			3	1	0
JAMESTOWN CAA AP R //	16.5	- 3.8	6.4		43	5	-21	20	1817	0	26	31	17	0.81		0.31	24	8.2	6	25+	3	0	0
JAMESTOWN STATE HOSP	18.1	- 1.7	8.2	0.0	43	5	-19	20	1759	0	25	31	17	0.64	0.18	0.30	25	4.3			2	0	0
KENSAL WILOLIFE REFUGE	19.0	- 3.2	7.9		41	5	-22	20	1768	0	25	31	19	0.44		0.16	25	7.0			3	0	0
LANGOON EXP FARM	12.2	- 8.4	1.9	0.0	31	5	-32	19	1953	0	31	31	24	1.44	0.65	0.45	28	15.2	30	28+	5	0	0
LARIMORE	16.9	- 5.9	5.5	0.2	38	5	-24	20	1842	0	30	31	22	1.14	0.69	0.34	28	10.5			5	0	0
LISBON	19.7M	- 1.3M	9.2M	0.5	45	5	-23	20	1718	0	24	31		0.50	- 0.01	0.20	25				2	0	0
MAYVILLE	15.6	- 4.6	5.5	- 1.3	34	12	-22	20	1842	0	29	31	21	0.72	0.19	0.19	28	8.5	11	28	4	0	0
MC HENRY 5 N	14.8	- 5.5	4.7		36	5	-24	20	1869	0	30	31	20	0.65		0.22	28	8.2	16	28+	3	0	0
MC LEOO 3 E	20.0	- 3.1	8.5	0.0	45	5	-25	20	1749	0	24	31	17	0.58	0.05	0.25	15	9.0				0	0
MUNICH 4 SW	10.2	-11.1	- 0.5		31	5	-31	20+	2026	0	31	31	27	1.04		0.42	25	11.5	18	28+	4	0	0
OAKES AM	18.8	- 3.0	7.9	- 0.5	49	6	-26	31	1769	0	25	31	17	0.91	0.42	0.37	25	9.0	8	28+	3	0	0
PARK RIVER	14.8	- 5.1	4.9	0.5	34	5	-23	20	1863	0	29	31	23	0 1.41	1.05	0.57	28	14.7	26	28+	4	1	0
PEM8INA 2 N	12.1	- 7.3	2.4		28	9	-27	19	1938	0	31	31	23	0.58	0.00	0.22	25	13.0	25	28+	2	0	0
PETERS8URG	14.6M	- 6.3	4.2M		34	5	-26	20	1882	0	30	31	22	1.08	0.66	0.40	28	14.4	20	28+	4	0	0
SHARON	14.5	- 4.5	5.0	0.2	36	5	-25	20	1858	0	29	31	17	0.89	0.37	0.27	25	11.5	16	28+	3	0	0
VALLEY CITY	19.0	- 1.5M	8.8M	0.3	43	5	-22	20	1747	0	25	31	13	0.95	0.49	0.28	25+	10.3			4	0	0
WAHPETON STATE SCHOOL	19.2	- 1.6	8.8	- 0.8	37	2	-25	20	1739	0	27	31	18	1.01	0.41	0.28	15	10.6	10	27	5	0	0
OIVISION			5.9											0.89				10.5					
MIOOLE OIVISION																							
ASHLEY	19.2	- 2.3	8.5	- 0.5	43	5	-25	20	1753	0	24	31	17	0.52	0.01	0.19	24	5.7	7	27+	2	0	0
BELCOURT INOIAN RES	14.1	- 6.9	3.6		41	5	-25	16+	1900	0	30	31	22	0.52		0.21	28	8.0	12	28+	2	0	0
8IS8EE	12.5M	- 5.9M	3.3M		31	5			1910	0	31	31	22	1.00		0.35	27	10.9	20	28+	4	0	0
BISMARCK W8 AP R //	14.3	- 4.9	4.7	- 4.5	41	5	-24	21	1867	0	29	31	19	0.97	0.61	0.30	1	9.9	9	28	5	0	0
8OTTINEAU AM	12.0	- 6.4	2.8	- 0.5	35	6	-26	20	1927	0	30	31	20	0.31	- 0.15	0.24	28	4.6	14	28+	1	0	0
8UTTE AM	13.3M	- 4.3M	4.5M		40	6	-23	20+	1874	0		31		0.25		0.10	2+	7.0	10	28+	2	0	0
CARSON NO 2 AM	17.3	- 0.2	8.6	- 3.2	42	5+	-21	20	1746	0	26	31	18	1.18	0.65	0.56	1		8	27+	4	1	0
CENTER	17.8M	- 4.3M	6.8M		42	5	-26	20	1786	0	27	31	19	0.66		0.41	1	2.0	7	1+	3	0	0
ORAKE AM	14.0	- 5.4	4.3	- 1.7	38	6	-26	21	1877	0	30	31	19	0.40	- 0.05	0.23	28		14	28+	2	0	0
ECKMAN 2 SE AM	11.0M	-10.7	0.2M	- 2.8	37	6	-29	20	2015	0	30	31	28	0.40		0.38	28				1	0	0
FESSENOEN	16.7	- 4.7	6.0	- 0.3	40	5	-21	20	1825	0	27	31	19	0.78	0.21	0.28	24	12.0	16	28+	3	0	0
FORT YATES	22.0	0.2	11.1	- 1.0	45	5	-22	20+	1666	0	23	31	14	0.61	0.22	0.23	24	11.7	12	27+	3	0	0
FOXHOLM 7 N	14.1	- 5.9	4.1	- 3.2	40	5	-25	20	1885	0	30	31	20	0.11	- 0.39	0.06	15	2.7	8	27+	0	0	0
GARRISON AM	15.1	- 3.2	6.0	- 2.3	39	6	-21	20+	1826	0	29	31	18	0.46	- 0.13	0.34	28	4.6			2	0	0
GRANVILLE	14.7	- 5.3	4.7	- 2.0	39	5	-26	20	1867	0	29	31	21	0.49	- 0.06	0.45	27	7.0	20	27+	1	0	0
HANS8ORO	12.0M	- 6.6M	2.7M	- 0.2	40	5	-26	20	1930	0	30	31		0.33	- 0.09	0.10	15+	7.6	23	28+	2	0	0
LEEOS	12.5	- 9.4M	1.6M		33	5	-31	19	1972	0	30	31	23	1.75		0.65	27	17.7	23	28+	4	1	0
LINTON	19.8	- 2.9	8.5	- 1.6	44	5	-28	31	1749	0	25	31	18	0.86	0.46	0.33	24	9.0	8	26+	4	0	0
MAOOOCK AGR SCHOOL	14.1	- 6.3	3.9	- 1.3	36	5	-29	20	1892	0	30	31	20	1.11	0.57	0.32	24				4	0	0
MANOAN EXP STATION AM	15.0	- 3.2	5.9	- 3.5	41	6	-23	20	1630	0	29	31	18	0.59	0.09	0.17	28	7.9	10	28+	3	0	0
MANOAN FT LINCOLN PARK	18.5	- 3.6	7.5		44	5	-25	20	1783	0	26	31	18	0.86		0.32	27	14.0	14	27+	3	0	0
MAX AM	14.8	- 3.7	5.6	- 0.4	39	6	-22	20	1843	0	29	31	18	0.58	0.13	0.42	28	4.3	8	28+	2	0	0
MC CLUSKY	15.6	- 4.2	5.7	- 1.8	40	5	-23	20	1837	0	30	31	19	0.66	0.03	0.28	27	8.3	11	27+	3	0	0
MINOT CAA AP	13.0	- 4.2	4.4		40	5	-22	19+	1874	0	30	31	19	0.45		0.15	27	4.4	6	28+	3	0	0
MINOT EXP STATION AM	13.2	- 5.0	4.1		39	6	-24	20+	1884	0	29	31	21	0.23		0.13	28	6.1	11	28+	1	0	0
MOFFIT 4 SE	19.0	- 4.4	7.3		42	5	-25	20+	1785	0	26	31	19	0.42		0.14	24	6.7	9	27+	2	0	0
MOHALL	12.8	- 5.2	3.8	- 1.5	40	5	-24	22	1895	0	30	31	19	0.15	- 0.35	0.07	28	5.0	12	28+	0	0	0
NAPOLEON	18.4	- 3.3	7.6	- 0.8	40	5	-29	31	1778	0	26	31	18	0.79	0.25	0.34	27	7.9	13	27+	3	0	0

See reference notes following Station Index.

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from long-term mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from long-term mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NEW SALEM 1 S		17.0	- 0.6	8.2	- 2.8	40	5	-23	20	1759	0	27	31	13	0.74	0.29	0.40	1	4.5	10	24+	2	0	0
PETTIBONE		16.8	- 4.2	6.3	- 0.2	37	5	-26	20+	1818	0	27	31	19	0.69	0.22	0.36	25	9.0	15	27+	3	0	0
RIVERDALE	AM	15.0	- 2.5	6.3		40	6	-20	20+	1822	0	29	31	18	0.38		0.14	28		5	28+	2	0	0
ROLLA		13.0	- 5.9	3.6		40	5	-25	16+	1906	0	30	31	22	0.76		0.35	27	7.8	20	28+	3	0	0
RUGBY		13.7	- 5.3	4.2		36	5	-28	20	1881	0	30	31	18	0.76	0.18	0.41	27	9.0	24	28+	2	0	0
SAN HAVEN		13.0	- 3.4	4.8		39	5	-22	20	1865	0	30	31	19	0.44	- 0.05	0.13	28	6.2	17	28+	2	0	0
STEELE		19.2	- 4.9	7.2	- 0.4	40	5	-26	20	1793	0	26	31	19	1.21	0.77	0.65	27	14.0	15	27	3	1	0
TOWNER		12.7M	- 7.4M	2.7M	- 2.3	39	5	-27	21	1931	0	29	31	22	0.43	- 0.14	0.32	27	8.0			1	0	0
TURTLE LAKE		16.6	- 4.5	6.1		40	5	-26	20	1824	0	30	31	18	0.72		0.57	27				1	1	0
UNDERWOOD	AM	15.5	- 3.9	5.8		34	5+	-23	20+	1832	0	29	31	18	0.91		0.40	28		9	28+	2	0	0
UPHAM 3 N		14.1	- 5.0	4.6		38	5	-27	20	1873	0	30	31	19	0.72		0.20	27+	6.0	22	28+	4	0	0
VELVA		15.5	- 3.8	5.9	- 2.3	40	5	-24	20	1828	0	29	31	20	0.37	- 0.20	0.20	27	7.5	14	28	1	0	0
WASHBURN		16.8M	- 3.1	6.9M	- 3.3	43	5	-23	20	1799	0		31	17	0.36	- 0.04	0.16	1		14	27+	2	0	0
WESTHOPE		10.5	- 7.4	1.6	- 2.1	37	5	-28	20	1967	0	30	31	23	0.70	0.21	0.46	27	10.0			2	0	0
WILLOW CITY		12.0	- 8.5	1.8	- 0.7	36	5	-30	21	1963	0	30	31	24	0.38	- 0.17	0.30	27	5.5	11	27+	1	0	0
WILTON																								
WISHEK		17.1M				42	5				0	25			0.79	0.34	0.60	25				2	1	0
DIVISION				5.2											0.63				7.8					
WESTERN DIVISION																								
ALMONT 7 SW		18.5	2.1	10.3		43	5	-22	20	1694	0	24	31	13	0.88		0.58	1	4.1	14	1	2	1	0
AMIDON	AM	23.5	1.4M	12.5M		53	5	-17	29+	1634	0	20	31	12	0.32		0.16	14	2.6	1	28+	2	0	0
BEACH	AM	24.1	0.7	12.4		53	5	-22	31	1626	0	20	31	15	0.31		0.18	14	4.7	3	28+	1	0	0
BELFIELD		22.4	- 1.2	10.6		51	4	-30	31	1685	0	20	31	15	0.35		0.15	26		4	25+	1	0	0
BEULAH	AM	13.5	- 6.7	3.4		38	6	-28	20+	1906	0	30	31	20	0.80		0.35	28	4.0	10	28+	3	0	0
BOWBELLS	AM	13.0	- 5.3	3.9		37	5	-27	20	1895	0	30	31	21	0.16		0.08	23+	2.0	9	1	0	0	0
BOWMAN COURT HOUSE		24.7	4.1	14.4	- 0.4	51	4	-19	31	1565	0	19	31	11	0.39		0.21	27	4.0			2	0	0
CROSBY		12.7	- 4.4	4.2	- 1.8	37	5	-26	20	1884	0	30	31	19	0.14	- 0.22	0.05	15+	4.7	6	28+	0	0	0
DICKINSON CAA AP	R //	21.0	0.8	10.9		50	4	-20	20	1674	0	21	31	15	0.80		0.41	14	7.7	6	28+	2	0	0
DICKINSON EXP STATION	AM	21.5	- 1.0	10.3	- 0.4	50	5	-24	31	1694	0	19	31	14	0.44	- 0.04	0.20	28	6.5	5	28+	3	0	0
DUNN CENTER 2 SW	AM	19.0	- 3.3	7.9	- 2.5	43	5	-25	20+	1768	0	26	31	16	0.16	- 0.27	0.12	28		4	1+	1	0	0
FAIRFIELD		18.7	- 1.7M	8.5M		43	4	-21	31	1777	0	26	31	15	0.09		0.05	27	2.0	4	27+	0	0	0
GRENORA		16.2	- 3.7	6.3		39	5	-23	20	1816	0	29	31	19	0.43		0.21	28	4.3	5	28+	2	0	0
HETTINGER		22.2M	3.3M	12.8M	- 2.4	47	4	-17	31	1616	0	21	31	11	0.83		0.40	1	5.3	6	27+	2	0	0
KENMARE	AM	13.3	- 5.4	4.0		38	6	-25	20+	1889	0	30	31	22	0.25		0.20	28				1	0	0
LOSTWOOD 12 N		12.6	- 5.2	3.7		35	5	-27	20	1896	0	30	31	22	0.09		0.03	27	1.6	8	27+	0	0	0
MARMARTH		26.9M	3.5	15.2M	0.3	49	4	-22	31	1526	0	19	31	12										
MEDORA 3 NNE		25.3	- 1.4	12.0		50	4	-27	30+	1639	0	19	31	15	0.19		0.10	14	3.0	3	14+	1	0	0
MOTT		22.8	0.7	11.8	- 1.8	49	4	-23	20+	1646	0	21	31	15	0.57	0.14	0.36	1	2.0	4	27+	3	0	0
NEW ENGLAND		23.1	2.1	12.6	- 1.7	48	4	-22	31	1622	0	20	31	12	0.47	- 0.16	0.24	27	4.6			2	0	0
NEWTOWN		15.0	- 3.4	5.8		39	5	-25	20	1830	0	30	31	18	0.17	- 0.33	0.09	27	1.5	6	27+	0	0	0
PARSHALL		15.9	- 4.8	5.6		37	5	-29	20	1842	0	28	31	18	0.52	0.12	0.27	27	4.7	10	28+	2	0	0
PORTAL	AM	10.9M	- 8.0M	1.5M	- 2.6	35	6	-25	20	1977	0	30	31		0.19	- 0.24	0.19	28	2.0	10	28+	1	0	0
POWERS LAKE 1 N		13.1M	- 8.7M	2.2M		37	5	-30	20	1942	0	30	31	25										
RAUB 1 SSW		16.9	- 0.4	8.3		42	5	-22	20	1753	0	27	31	15	0.49		0.27	1	3.0	7	27+	2	0	0
RICHARDTON ABBEY		19.9	2.5	11.2	- 1.7	44	4	-20	20	1662	0	24	31	13	0.74	0.18	0.32	27	6.0	5	27	3	0	0
STANLEY		13.6	- 6.1	3.8		36	5	-26	20	1897	0	30	31	22	0.31		0.12	27	2.5	8	28+	2	0	0
TIOGA 1 E	AM	13.3	- 6.5	3.4		37	5	-26	20+	1906	0	29	31	23	0.12	- 0.26	0.07	28	2.5	7	1+	0	0	0
WATFORD CITY		19.0	- 0.5	9.3	- 1.9	42	4	-21	20	1727	0	26	31	16	0.32	- 0.29	0.18	14	6.5	5	28+	1	0	0
WATFORD CITY 14 S		23.0	0.4	11.7		49	4	-24	31	1651	0	22	31	15	0.08		0.06	15		3	15+	0	0	0
WILLISTON WB CITY	R //	16.0	- 2.4	6.8	- 3.2	39	5	-23	20	1800	0	28	31	15	0.14	- 0.35	0.06	14	1.6	4	28+	0	0	0
DIVISION				8.3											0.37				3.7					

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
JANUARY 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	1.25								.02	T					.02	.08			.02	.03	.01			.02	.28	.15	.17	.40	.05			
ALEXANDER	.18														.11										T			T	.07			
ALMONT 7 SW	.88	.58													.04	T				T				T	.05			.21	T			
AMBROSE 3 N	.30														.10				T					T			.01	.14	.05			
AMENIA	.66														.05	.08	.09								.06	.16		.08	.14			
AMIDON	.32														.16	T	T						T	T	T			T	.14			.02
ARVILLA STATE PARK	1.09								T						.09	.06			T						.20	.26		.14	.34			
ASHLEY	.52	T													.05	.05								T	.19	.07	.06	.10				
BALTA	.73	T									T			T	.04	.04								.03	.01	T	.01	.35	.25	T		
BANTRY	.34															.05			T						.05			.12	.12			
BEACH	.31														.18	.07		T			.01	T		T	T			T	.03		T	.02
BELCOURT INDIAN RES	.52		.02						T						T	.06			.02					T	.02	.01	T	.18	.21	T		
BELFIELD	.35									T					.05	.05									.05	.05	.15					
BERTHOLD	.44	.05	T												.02	.12								T	.02		.01	.18	.04			
BEULAH	.80	.22	.22							T						.01					T					T			.35			
BISBEE	1.00								T						.10	.03		.05						T	.08	.13	T	.35	.26			
BISMARCK WB AP R//	.97	.30								T					.10	.15		T	T	T			T	.06	.17		T	.17	.02			T
BISMARCK 12 ENE	.26		.08																		T			T	.03	.12		.03				
BOTTINEAU	.31		T								T					.01	.02		.01	.01					.01	.01	T	T	.24	T		
BOWBELLS	.16	T	T			T	T			T					T	T								.08				.08				
BOWMAN COURT HOUSE	.39	.12													.06													.21				
BOWMAN 11 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWMAN 30 NNW	.31														.23													.08			T	
BURT 16 N	.55	.29													.03									.02				.21				T
BUTTE	.25		.10												T	.10			T	T				T		T		T	.05			
CARRINGTON	.65															.01	.03			T					.02	.30			.29	T		
CARSON NO 2	1.18	.56													.12										.20			.30				
CAVALIER	.92		T	T						T					T	T			.05	.01					.23	.26	.01	.19	.16	.01		
CENTER	.66	.41													.11								T	T				.14				
COLGATE	.46														.05	.03									.05	.15		.07	.11			
COLUMBUS	.08														.01	.03											T	.02	.02			
COOPERSTOWN	1.01									T					.08	.11		T	T					T	.13	.28		.20	.21	T		
COURTENAY	.82														.17	T	T							T	.15	.35			.15			
CROSBY	.14									T					.01	.05		T	T	T					T		.01	.05	.02	T	T	
DEVILS LAKE WB CITY R	1.35	T	T			T		T	T	T	T		T	T	.01	.11	T	T	.02	T	T	T	T	.04	.26	.21	T	.70	T	T		T
DICKINSON CAA AP R//	.80	.03													.41	.01	T			.05	T		.08	.03	T		T	.18	T		.01	
DICKINSON EXP STATION	.44	T													.12	T	T				T		T	.02	T			.10	.20	T		T
DONNYBROOK	.25									.01					.04	.09								.08	.02				.01			
DRAKE	.40															.10									.05	.02		T	.23			
DUNN CENTER 2 SW	.16	T								T					T	.04	T				T		T	T	T			T	.12			
ECKMAN 2 SE	.40																T			T						T	.02		.38			
EDGELEY EXP FARM	.40												T				.02		T						.04	.18		.04	.12			
EDMORE 1 W	.92										T				T	.04		T		.11					.11	.14		.52				
ELGIN 5 S	1.44	.47													.65	T	T			T	T		T	T	.07		T	.25				T
ELLENDALE	.87								T		T			T	.06	.05	T	T	T	T				T	.30	.13	.12	.15	.06			
ENDERLIN	.62															.16		T								.23		T	.23			
EPPING	.23									T					.06	.02				.02				.03	T		.02	.06	.02			
FAIRFIELD	.09														.02	T				.02								.05	T		T	
FARGO WB AP R//	.72						T	T	T	T				T	.08	.13	.01	.02	T	.01	T	T	T	T	.12	.08	T	.27	T	T	T	
FESSENDEN	.78														T	.09									.28	.12		.20	.09			
FLASHER	.57	.19	.02													.03									.09	.08		.07	.09			
FLAXTON	.25	.05				T	.01			T				T	.01	.08			T	T				T	.01	T	T	.04	.05	T		
FORBES 13 NW	.41	T	T							T	T				.06	.06								T	.09	.13	T	.07	T			
FORMAN	.89															.06										.50	.08	T	.15			
FORT YATES	.61	.05													.04	.01				T				T	.23		.14	.14				
FOXHOLM 7 N	.11													T	T	.06			T						.01		T	.03	.01			
FULLERTON	1.16										T				.32		T	T						T	.47		.12	.22	.03			
GACKLE	.83														.25	T		T						T	.27			.31				
GARRISON	.46									T					T	.12	T			T				T	T			T	.34			
GLEN ULLIN 13 N	.25														.06	T												.19				
GOLDEN VALLEY 10 S	.63	.39					T					T		T			T											.23	.01			
GRAFTON	1.44														T	.22	T			.03					.15	.57	.07	.13	.27			
GRAND FORKS CAA AP R	1.35						.02	T							.21	.24	T	T	T	.02	T			T	.15	.15	.02	.34	.20		T	
GRAND FORKS UNIVERSITY	1.10						T	T							.06	.07		T	T	.02					.18	.20		.29	.26	.02	T	
GRAND RAPIDS 1 N	.73														.04	.08	.04								.07	.23	.09	.11	.07			
GRANVILLE	.49														T	.04		T						T	T	T	T	.45	T			
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRENORA	.43															.03				T					.04			.15	.21			
HAGUE	.73														.16	.04		T		.01				.09	.20	T	.15	.08	T			T
HALLIDAY	.30									T					.05	.05				T				T				.20	T			
HANKINSON R R STATION	.52															.18	T								T	.17		.10	.07			
HANNAH	.83		T	.01											.02	.06			.04						.09	.26	T	.21	.14			
HANSBORO	.33		T						T						T	.10			.04					T	.02	.10		.04	.03			
HARVEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HETTINGER	.83	.40													.08							.04	T	.02	.01		.04	.24				
HILLSBORO	.83			T			T	T	T	T			T		T	.20	T	T	T	T	T			T	T	.10	T	T	.53			
JAMESTOWN CAA AP R//	.81	T	T							T	T				.14	.05	T	T	T	T	T	T		T	.31	.24	.04	.03	T	T		T
JAMESTOWN STATE HOSP	.64									T	T				.08	T		T						T	.21	.30	T	.05	T			
KEENE 2 S	.14							T							.03	.08								.01				.02				
KENMARE	.25										T					.02								.02		.01		T	.20			
KENSAL WILDLIFE REFUGE	.44																							.02	.06	.16		.10	.10			
KILLDEER 8 NW	.19																	T											.19			
KULM	.76										T				.18	.11							T	T	.16	.15	.06	.10				
LANGDON EXP FARM	1.44		.02							.02					.03	.19	.03		.04	.02					.17	.20	.02	.25	.45	T		
LANSFORD	.59	T								T				.02	.04	.07		T						.02	.05	T	T	.37	.02	T		
LARIMORE	1.14								T						.11	.06									.14	.28		.21	.34			
LEEDS	1.75		T							T					T	.04	.08		.02				T	.06	.22	.26	T	.65	.42			
LEFOR 10 E	.64	.35													.04					T			.02	.03				.20				T
LINTON	.86	.08								T		T			.10	T				T				.04	.33	.14	.12	.05				T
LISBON	.50									T						.09		T							.03	.20		.08	.10			
LITCHVILLE	.41														.02	.02									.06	.20	.03	.02	.06			
LOSTWOOD 12 N	.09	.01								T					.01	.01			T	T				T	.01			.03	.02		T	
MADDOCK AGR SCHOOL	1.11									T					.02	.03			T					.03	.32	.22		.28	.17	.04		
MANDAN EXP STATION	.59	.11	.12							T						.04	T				T			T	.05	.05		.05	.17			
MANDAN FT LINCOLN PARK	.86	.25													.04	.06								.02	.17			.32	T			
MARMARTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAX	.58		T												T	.11	T			T				T	.05			T	.42	T		
MAYVILLE	.72						T		T					T	.07	.07		T	T	T					.15	.13	T	.11	.19			
MC CLUSKY	.66	.03													.03	.12									.16			.28	.04			
MC HENRY 5 N	.65									T						.03	T	T	T					T	.09	.21		.10	.22			
MC LEOD 3 E	.58															.25									*	.21		*	.12			
MC VILLE	.63															.01		T						T	.15	.20		.12	.15			
MEDINA 1 W	.22																									.15	.07					
MEDORA 3 NNE	.19														.10					T		T	T					.09			T	T
MEDORA 23 NNW	D .39														.02	.07			T						D .15				D .15			
MINOT CAA AP	.45	T			T	T	T	T	T	T		T	T	T	.02	.12	T	T	T	.02	T	T	T	.02	T	T	T	.15	.12			
MINOT EXP STATION	.23		.02								T					.05	.01			.01				T				.01	.13			
MOFFIT 4 SE	.42	T								T					.09	.02	T			T				T	.14	.10	.01	.06	T			
MOHALL	.15	T								T					.02				T						T	T		.06	.07			
MONTPELIER	.42								T	T	T				.07	.02		T	T	T				T	.10	.13	.01	.09	T			
MOTT	.57	.36													.10					T			T				T	.11				T
MUNICH 4 SW	1.04		T						.02	T		T	T		.03	.05			T					T	.12	.42		.10	.30			
NAPOLEON	.79	.05													.06	.02								.02	.20	.10		.34				
NEW ENGLAND	.47	.18													.05					T			T	T				.24			T	T

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	1.14									T					T	.03			T					.10	.17	.25		.36	.23				•
NEW SALEM 1 S	.74	.40													.12	.08							T	.06	.08								•
NEWTOWN	.17	.04													T	.04				T				T				.09	T				•
NOONAN	.26	T													T	.13												.05	.08	T			•
NORTONVILLE	.86																								.40	.10		.36					•
OAKES	.91											T				.09	.02	T	T	T					.07	.37	T	.15	.21				•
PARK RIVER	D 1.41								T						T	D.05			0.02						D.30	.26	T	.21	.57				•
PARSHALL	.52	.08								T					.03	.04									T		T	.27	.10				•
PEMBINA 2 N	.58															.09			.02						.05	.22			.20				•
PETERSBURG	1.08								.05							.07									.16	.21		.19	.40				•
PETTIBONE	.69															.16								T	T	.36		.17					•
PINGREE	.61								T						T	.08		T						T	.08	.22		T	.23				•
PORTAL	.19		T				T									T								T				T	.19				•
POWERS LAKE 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
PRETTY ROCK	.62	.41			T										.04	.04		T		.02		T	T		.06			.05	T	T		T	•
RAUB 10 SSW	.49	.27													T	T								T				.22					•
REEDER	.97	.14													.57									.03		T	.03	.16			T	.04	•
REEDER 14 N	.40	.15							T												T			.07				*	.18	T		T	•
RICHARDTON ABBEY	.74	.24													.11	.04				.02	T		T	T	T		T	.32	T			.01	•
RIVERDALE	.38	.04	.12							T					T	.07	T			T				T	T	T		.01	.14	T			•
ROLLA	.76		T						T	T				T	.04	.10			.08					T	.05	.04	T	.35	.10				•
RUGBY	.76		T							T					T	.03								.01	.03	.01		.41	.26	.01			•
RYDER	.43	.15							T								.10											.18	T				•
SAN HAVEN	.44		.01							T					.02	.06			.06	T				.01	.04		T	.11	.13				•
SCRANTON	.54	.08						T	T						.20					T		T						.21	T			.05	•
SELFRIDGE 11 W	.70														.20	.20												.30					•
SENTINEL BUTTE 20 S	.02							T							T					T	T		T					.02	T				•
SHARON	.89														.08	.04		T						T	.05	.27		.25	.20				•
SHERWOOD 3 N	1.03	.10								.01					.01	.07								.03	.03		.01	.75	.02				•
SHIELDS	.78	.23													.10	.02				T				T	.22		.15	.06					•
STANLEY	.31	.03													.05										T		T	.12	.11				•
STEELE	1.21	T	T												.04	.02								.06	.19	.23	.02	.65	T				•
SYKESTON	.65														T			T		T				T	.15	.35		.15	T				•
TAGUS	.16		.03							T					.01	.02			T						T	T	T	T	.10				•
TIOGA 1 E	.12		T							T					T	.01					T			T	.03	T		T	.07	.01			•
TOLLEY 3 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
TOWNER	.43					T								T										.05	.06			.32					•
TROTTERS 6 SE	.13														.07						.02		T	T	T			.02	.02		T		•
TURTLE LAKE	.72	.07												T	T	.08				T				T	T	T		.57	T				•
TUTTLE	.78	.02	T							T					.02	.03								.05	.22	.18	.02	.22	.02	T			•
UNDERWOOD	.91	T	.36						T	T	.02				.02	.04								T	.03			.02	.40	.02			•
UPHAM 3 N	.72		T							T				T	T	.15		T	T	.05					.02	T	.10	.20	.20				•
VALLEY CITY	.95								T	T					.25	T		.01							.11	.28	.02	.28					•
VELVA	.37	T								T				T	T	.09			T					T	.02		T	.20	.06				•
VERONA	1.01														.02	.06									.25	.15	.03	.09	.41				•
WAHPETON STATE SCHOOL	1.01														T	.28	.02								.11	.23	T	.23	.14				•
WALHALLA	2.33															D.12			D .10						.54	.27	.25	1.05					•
WARWICK	1.51					T								T											T	.22		.70	.59				•
WASHBURN	.36	.16													.03	.06								.01	T			.10					•
WATAUGA S OAK 8 N	1.06	.54													.22									.04	.13		.05	.08				T	•
WATFORD CITY	.32														.18													.06	.08				•
WATFORD CITY 14 S	.08														T	.06				T		T	T	T				.02	T				•
WESTHOPE	.70	T													T	.24									T	T		.46	T				•
WILDROSE	.19														T	.14							T	T				T	.05				•
WILLISTON WB CITY R//	.14					T			T						.06	.01		T	T	.01			T	T	.02		T	.03	.01	T	T	T	•
WILLOW CITY	.38		T												T	.05			T					T	.03	T		.30	T				•
WILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
WISHEK	.79																								.10	.60	.09						•
WOODWORTH 5 E	.47														T	.10								T	.11	.15		.11	T				•
ZAHL	.18														.05				T					T			T	.06	.07				•

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1956

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	31	37	35	37	43	23	20	35	28	21	25	33	33	23	3	-8	-2	17	7	2	5	6	12	18	23	17	20	16	5	2	5	18.5
	MIN	22	22	17	25	22	-3	-4	12	12	7	13	13	13	3	-10	-16	-16	-5	-9	-22	-19	-10	4	8	3	4	10	3	-7	-16	-11	2.1
AMENIA	MAX	20	38	17	20	41	39	11	28	25	20	25	30	30	29	14	-6	-2	4	5	-5	1	2	11	19	25	14	26	32	13	4	2	17.2
	MIN	-2	7	0	1	3	-5	-17	8	18	6	-1	-2	3	13	-8	-14	-15	-9	-11	-21	-19	-15	-19	9	13	-12	1	12	-2	-9	-15	-3.3
AMIDON	MAX	38	38	40	44	53	44	14	27	39	38	36	32	35	43	7	-7	-3	16	24	12	10	12	12	18	27	26	18	19	10	4	4	23.5
	MIN		20	14	21	31	0	1	8	5	10	14	14	13	4	-14	-16	-16	-14	-5	-8	-16	-6	6	7	4	7	7	1	-17	-17	-16	1.4
ARVILLA STATE PARK	MAX	17	34	29	8	37	32	10	28	27	19	26	32	28	28	7	-8	-5	3	2	-5	-1	-4	9	20	25	11	25	27	12	3	3	15.5
	MIN	-10	3	-4	-5	-6	-10	-22	7	16	-7	-11	4	7	4	-11	-20	-19	-20	-19	-24	-19	-26	-26	7	8	-13	-15	10	-3	-8	-19	-8.1
ASHLEY	MAX	32	37	35	40	43	36	16	27	21	20	23	34	36	27	7	-9	3	11	5	-3	4	6	13	19	20	19	29	30	9	1	4	19.2
	MIN	12	15	11	15	22	-4	-10	9	11	-5	3	4	13	5	-10	-20	-12	-14	-12	-25	-20	-22	-4	12	-2	-15	11	8	-4	-20	-24	-2.3
BEACH	MAX	35	38	35	41	53	42	17	29	31	37	39	37	35	45	8	-6	-2	12	28	11	10	13	16	17	32	29	21	22	11	5	5	24.1
	MIN	7	12	15	17	16	-2	-1	5	5	5	15	12	11	6	-14	-14	-12	-9	-3	-1	-5	-2	4	10	5	-2	-1	1	-16	-19	-22	0.7
BELCOURT INDIAN RES	MAX	26	29	26	20	41	16	7	23	24	16	25	27	20	21	1	-5	-5	-1	-4	-2	11	3	10	14	19	18	14	20	10	7	5	14.1
	MIN	-8	5	-11	-2	4	-11	-17	5	9	-11	-5	-2	3	0	-13	-25	-18	-10	-20	-25	-19	-23	-10	5	8	8	-8	6	-1	-10	-17	-6.9
BELFIELD	MAX	36	38	44	51	46	26	21	37	36	37	37	35	41	22	-1	-2	10	22	5	10	15	9	10	30	31	18	17	6	2	2	2	22.4
	MIN	14	12	12	19	10	-3	2	8	12	8	12	8	18	-1	-14	-14	-17	-6	-14	-21	-18	-13	0	6	5	3	6	-4	-18	-19	-30	-1.2
BEULAH	MAX	24	28	32	30	30	38	1	18	27	17	18	21	20	24	19	-5	-9	3	10	-2	-16	-2	6	12	16	22	11	20	10	0	-5	13.5
	MIN	4	12	3	2	7	-5	-7	-5	10	-4	-2	6	3	5	-7	-15	-19	-20	-7	-28	-28	-23	-21	5	-7	-10	-5	4	-6	-25	-25	-6.7
BISBEE	MAX	19	25	23	15	31	14	14	26	24	16	15	27	24	20	0	-7	1	0	-10	-8	-2	-4	11	16	20	14	17	22	12	0		12.5
	MIN	2	6	-8	0	2	-10	-18	7	5	-3	-2	0	4	0	-22	-20	-10	-21	-20	-23	-19	-15	-15	7	12	0	-7	5	0	-13		-5.9
BISMARCK WB AP	MAX	28	35	19	21	41	5	20	32	22	16	16	24	29	19	2	-8	-2	10	2	-3	2	4	15	17	14	12	25	18	5	0	4	14.3
	MIN	10	5	-1	6	5	-10	-10	16	0	-4	-1	1	4	2	-11	-15	-17	-7	-15	-23	-24	-20	4	13	-14	-11	8	5	-11	-20	-18	-4.9
BOTTINEAU	MAX	26	22	25	12	20	35	4	11	25	15	15	19	24	24	12	-5	0	-4	3	-3	-5	4	4	13	14	16	16	20	11	5	-5	12.0
	MIN	2	8	-9	-8	8	-10	-14	-10	9	-5	2	1	5	7	-10	-20	-19	-16	-21	-26	-22	-17	-11	0	1	3	-3	8	0	-12	-20	-6.4
BOWBELLS	MAX	28	28	27	26	37	10	12	25	24	20	23	13	19	15	2	-6	-5	2	-2	-2	1	9	13	18	14	18	16	13	8	-8	5	13.0
	MIN	6	12	-7	9	9	-14	-11	5	6	-2	3	3	-3	0	-10	-22	-17	-8	-17	-27	-21	-13	-3	10	-3	-5	0	5	-9	-17	-22	-5.3
BOWMAN COURT HOUSE	MAX	38	40	42	51	44	36	26	43	38	36	31	36	39	34	3	-2	8	27	20	11	11	11	15	20	31	23	19	15	15	2	3	24.7
	MIN	20	20	16	21	29	2	2	13	6	12	13	14	19	2	-13	-15	-14	2	0	-3	-8	-6	8	12	5	10	10	0	-15	-15	-19	4.1
BUTTE	MAX				33	38	40	2	20	30	16	20	28	23	28	10	-5	-8	0	6	-5	-9	7	7	15	12	16	14	20	10	3	0	13.3
	MIN				-3	17	-7	-10	-2	10	0	7	10	5	7	-8	-20	-20	-18	-7	-23	-23	-13	-5	7	5	-8	0	8	-5	-10	-14	-4.3
CARRINGTON	MAX	27	26	35	25	33	39	0	23	26	17	20	30	31	30	16	-6	-13	-3	9	-5	-10	-1	2	12	17	20	15	25	14	4	-1	14.7
	MIN	2	8	-1	-1	12	-7	-12	-11	12	-1	-1	-1	6	12	-7	-19	-19	-14	-6	-23	-23	-17	-11	2	10	-12	-8	13	0	-9	-16	-4.6
CARSON NO 2	MAX	33	32	33	38	42	42	15	21	25	23	24	27	30	31	9	-5	-9	5	9	4	-2	7	7	13	19	14	15	17	12	4	0	17.3
	MIN	12	20	15	23	26	-3	-3	2	18	6	10	12	13	9	-10	-15	-17	-12	-2	-21	-19	-13	-4	-2	8	-15	-4	-2	-7	-19	-11	-0.2
CAVALIER	MAX	16	28	28	8	35	27	4	26	26	26	16	23	24	24	4	2	-9	0	-1	-5	0	-1	2	17	23	19	24	25	9	5	0	13.7
	MIN	-4	4	-4	-6	3	-12	-22	4	3	1	4	2	-1	2	-10	-22	-18	-10	-22	-21	-17	-19	-21	0	11	-8	-12	9	0	-3	-14	-6.5
CENTER	MAX	32	35	33	33	42	30	19	30	28	25	25	29	27	19	4	-4	-4	12	0	-2	2			21	13			21	9	0	2	17.8
	MIN	6	16	-4	10	14	-5	-8	10	8	-10	0	4	2	4	-5	-16	-20	-8	-5	-26	-19	-20	-12					3	-5	-19	-10	-4.3
COOPERSTOWN	MAX	20	34	30	26	38	36	12	28	27	18	26	31	30	30	8	-10	-4	5	5	-8	-1	4	8	18	21	15	24	29	10	4	0	16.6
	MIN	-4	11	-3	7	5	-7	-16	7	13	-6	-3	2	7	8	-10	-18	-17	-15	-15	-24	-20	-20	-12	7	6	-3	-4	8	1	-10	-21	-4.7
CROSBY	MAX	25	27	26	31	37	5	14	19	17	25	18	16	22	19	-1	-8	-1	3	-2	-8	1	12	14	21	16	21	14	11	5	-4	0	12.7
	MIN	3	9	-1	14	4	-11	-5	5	4	-1	3	3	4	-3	-11	-19	-12	-3	-15	-26	-22	-12	5	12	-2	-3	-2	1	-10	-22	-23	-4.4
DEVILS LAKE WB CITY	MAX	23	31	10	16	36	1	11	28	25	15	22	28	27	20	-5	-11	-3	4	-4	-9	-3	2	11	17	20	16	23	23	6	-2	-3	12.1
	MIN	-5	3	-5	3	1	-14	-17	10	2	-3	1	5	3	-5	-16	-22	-18	-11	-23	-25	-21	-17	-11	8	10	-9	-4	2	-6	-13	-22	-7.1
DICKINSON CAA AP	MAX	33	38	42	50	44	11	24	36	36	35	32	39	39	27	-4	-7	6	23	5	5	9	10	13	24	27	15	19	14	-1	4	3	21.0
	MIN	21	20	15	20	3	-2	-1	15	10	10	15	13	13	-5	-14	-15	-15	-3	-10	-20	-16	-6	6	5	5	4	9	-3	-15	-16	-19	0.8
DICKINSON EXP STATION	MAX	34	34	39	43	50	44	10	24	36	34	35	33	35	37	9	-5	-5	7	23	5	4	10	11	14	25	30	14	20	11	4	3	21.5
	MIN	9	18	9	12	17	-2	-2	4	10	10	8	7	10	9	-10	-15	-16	-13	-5	-23	-20	-12	5	8	2	-4	5	3	-11	-20	-24	-1.0
DRAKE	MAX	28	28	32	22	29	38	1	23	27	17	20	24	22	28	12	-6	-10	1	7	-8	-8	0	5	14	17	19	13	22	13	4	1	14.0
	MIN	4	12	-2	-4	14	-8	-11	-10	11	0	2	9	3	5	-8	-19	-20	-19	-8	-25	-26	-18	-17	5	4	-10	1	7	-4	-13	-21	-5.4
DUNN CENTER 2 SW	MAX	30	30	36	39	43	41	5	22	33	32	28	30	30	30	20	-5	-7	5	17	-2	-4	4	9	12	25	26	15	20	13	8	4	19.0
	MIN	10	10	12	12	15	5	-5	-2	1	4	1	5	5	7	-12	-15	-15	-18	-8	-25	-25	-16	-2	4	1	-4	-2	1	-8	-17	-20	-3.3
ECKMAN 2 SE	MAX	24	24	29	8	17	37	2	12	26	14	15	17	21	17	10	-4	-7	-2	4	-10	-8	-3	7	14	15	15	18		15	8	-4	11.0
	MIN	-2	-2	-8	-10	-2	-11	-24	-12	3	-9	-3	-1	0	5	-8	-23	-23	-18	-25	-29	-27	-24	-26	5	-6	-1	-8	-1	-6	-13	-23	-10.7
EDGELEY EXP FARM	MAX	38	29	40	34	38	46	5	22	28	24	18	21	37	33	23	3	-8	3	10	2	-3	3	7	17	19	22	20	33	18	8	2	19.1
	MIN	6	10	10	9	14	-2	-12	-11	15	-3	-2	3	10	15	-3	-17	-17	-17	-10	-22	-21	-15	-15	3	7	4	7	16	-2	-14	-20	-2.4
EDMORE 1 W	MAX	20	25	25	12	33	25	9	24	24	23	23	25	28	28	6	-12	0	0	0	-8	0	0	10	16	21	15	19	24	6	4	-6	13.5
	MIN	-7	6	-7	-2	1	-7	-19	4	12	-8	-5	0	0	6	-12	-24	-20	-14	-27	-28	-22	-22	-16		9	-5	-17	2	-6	-14	-28	-9.0
ELLENDALE	MAX	27	41	36	40	49	42	18	28	28	20	22	33	33	32	14	-6	1	10	6	1	6	8	19	22	24	17	30	33	14	9	8	21.5
	MIN	9	15	13	13	14	-1	-11	15	15	3	7	5	11	12	-10	-16	-10	-13	-17	-20	-14	-14	-9	15	5	2	10	12	-1	-14	-20	0.2
ENDERLIN	MAX	32	23	40	21	32	47	3	23	31	22	25	25	33	38	28	-2	-7	-1	7	0	-5	2	6	14		24	22	33	26	12	7	18.7
	MIN	2	5	3	3	5	-3	-14	-13	11	13	1	-1	0	8	-3	-12	-13	-15	-7	-18	-21	-18	-21	-6		7	7	20	2	-15	-19	-3.7
FAIRFIELD	MAX	31	35	39	43	42	19	22	32	29	30	30	27	35	26	-2	-7	5	18	5	3	6	12	12	24	24	14	16	9	2	-2	0	18.7
	MIN		18	15		18	-5	0	1	5	6		15	12	-2	-13	-16	-15	-2	-12	-20	-16	-9	3	11	8	1	3	-2	-13	-17	-21	-1.7
FARGO WB AP	MAX	22	33	16	21	36	8	17	29	25	19	22	25	30	30	4	-9	-3	5	3	-6	-4	0	14	21	25	20	28	33	9	1	-1	15.3
	MIN	-3	9	0	6	8	-13	-16	17	18	3	-2	1	12	4	-9	-14	-13	-12	-21	-20	-18	-18	-13	14	3	2	13	6	-11	-13	-19	-3.2
FESSENDEN	MAX	26	35	23	34	40	27	20	28	26	22	29	31	33	27	8	-7	-6	9	3	-12	0	8	13	17	20	8	23	23	10	0	-1	16.7
	MIN	1	13	2	10	14	-8	-12	13	11	-5	0	4	4	8	-7	-20	-19	-13	-12	-21	-20	-17	-11	8	1	-16	-9	-9	-5	-11	-19	-4.7
FORMAN	MAX	30	37	30	37	45	40	15	32	29	24	20	32	38	34	14	-6	0	6	5	-3	5	7	9	18	20	15	25	33	12	8	6	19.9
	MIN	7	8	8	12	14	0	-12	5	15	10	1	1	8	14	-7	-12	-11	-15	-13	-23	-17	-18	-8	7	-6	0	15	12	-6	-17	-21	-1.6
FORT YATES	MAX	30	40	40	43	45	39	28	32	31	25	22	33	40	36	12	-1	2	18	11	3	2	9	14	19	23	20	25	25	9	2	4	22.0
	MIN	15	8	11	12	21	0	-4	21	16	1	5	10	12	9	-5	-15	-16	-8	-3	-22	-22	-20	1	13	2	-3	1	7	-3	-18	-20	0.2
FOXHOLM 7 N	MAX	30	30	17	26	40	18	15	27	23	20	21	18	17	17	8	-7	-6	5	0	-6	2	6	14	18	19	19	17	18	7	-1	5	14.1
	MIN	0	5	-6	5	5	-10	-11	8	9	-6	1	2	-4	6	-8	-19	-21	-8	-14	-25	-23	-22	-18	10	4	-6	-9	7	-6	-12	-16	-5.9
FULLERTON	MAX	26	40	38	36	47	30	18	28	28	21	20	32	34	32	14	0	0	7	6	-3	3	5	18	21	20	15	27	32	12	5	10	20.1
	MIN	7	10	12	13	14	-2	-11	14	15	2	3	4	11	11	-14	-16	-10	-15	-9	-21	-16	-17	-15	15	7	3	13	12	0	-18	-20	-0.6
GACKLE	MAX	32	37	32	40	41	35	17	26	26	21	26	33	36	27	17	-8	2	11	4	-8	0	8	15	18	20	18	26	30	8	0	4	19.2
	MIN	12	17	5	17	22	-6	-12	12	10	-3	-1	6	14	8	-14	-21	-17	-18	-21	-25	-19	-19	-10	4	-8	-4	4	8	-10	-20	-20	-3.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	30	30	33	24	30	39	5	20	29	18	19	26	25	21	11	-3	-7	3	12	0	-3	2	8	14	20	18	17	21	10	-3	0	15.1
	MIN	5	13	5	5	10	-6	-9	-5	10	-1	4	10	7	9	-5	-16	-17	-17	-3	-21	-21	-20	-9	8	1	-7	-1	7	-4	-15	-15	-3.2
GRAFTON	MAX	17	28	26	10	22	20	8	28	26	21	16	24	27	28	6	-10	-5	0	0	-5	-1	-3	7	18	21	20	25	25	10	4	1	13.4
	MIN	-7	6	-3	-3	0	-10	-20	8	19	0	-5	0	3	5	-10	-20	-17	-10	-20	-20	-16	-20	-19	6	16	-11	-17	9	0	-7	-19	-5.9
GRAND FORKS CAA AP	MAX	14	29	14	10	29	7	19	29	26	15	18	23	30	26	2	-11	-5	3	-1	-7	-3	-2	14	20	23	11	26	29	4	2	-1	12.7
	MIN	-9	6	-4	-2	3	-15	-19	17	5	-4	-5	-1	5	1	-13	-17	-15	-9	-22	-22	-19	-21	-17	13	4	-13	-10	2	-12	-14	-22	-7.4
GRAND FORKS UNIVERSITY	MAX	15	30	23	10	32	22	12	28	24	18	18	22	30	29	5	-9	-4	1	0	-6	-3	-2	12	18	22	20	26	29	9	4	-1	14.0
	MIN	-7	5	-4	-2	0	-10	-18	12	17	-2	-3	-1	4	5	-9	-17	-17	-11	-19	-22	-18	-19	-16	11	17	-3	-10	9	-3	-11	-21	-5.3
GRAND RAPIDS 1 N	MAX	36	40	33	40	50	36	20	30	29	19	20	35	34	30	10	-4	-4	9	5	-3	3	9	16	20	22	18	27	32	11	5	9	20.5
	MIN	5	7	7	9	13	-3	-14	9	13	-1	1	-1	5	10	-13	-17	-12	-19	-10	-26	-20	-20	-14	8	8	0	11	10	-3	-20	-25	-3.3
GRANVILLE	MAX	28	33	15	23	39	11	20	30	24	22	21	22	22	22	3	-8	-3	8	1	-9	0	8	18	16	22	14	18	21	9	-1	8	14.7
	MIN	0	13	-6	5	10	-8	-12	10	5	-5	1	4	1	2	-8	-23	-20	-8	-20	-26	-20	-20	-8	13	-3	-2	-2	0	-5	-12	-20	-5.3
GRENORA	MAX	26	32	32	33	39	9	19	19	18	27	21	20	30	28	10	-5	1	10	2	-4	3	13	15	21	20	16	18	18	10	4	-2	16.2
	MIN	6	12	1	15	7	-10	-2	2	-2	9	4	5	1	-11	-8	-17	-11	-7	-8	-23	-21	-11	5	11	-1	-3	-3	-3	-8	-22	-21	-3.7
HANKINSON R R STATION	MAX	32	23	37	18	32	43	5	21	30	25	23	21	26	35	32	-1	-4	-1	6	0	-2	2	12	12	22	25	22	35	29	12	8	18.7
	MIN	5	5	9	7	7	2	-16	-12	17	14	2	-3	-3	5	-1	-12	-13	-15	-13	-21	-18	-18	-15	-11	12	-11	1	20	1	-15	-14	-3.4
HANNAH	MAX	21	24	21	10	36	10	9	24	24	19	21	22	25	24	-3	-12	-2	-2	-5	-16	-7	3	10	15	19	15	18	21	5	0	0	11.3
	MIN	-7	4	-8	-4	2	-17	-19	6	8	-8	-2	3	-2	-3	-15	-27	-20	-11	-30	-30	-26	-26	-14	3	0	-11	-17	-3	-3	-10	-19	-9.9
HANSBORO	MAX	18	28	22	13	40	14	8	23	25	17	20	23	20	20	-2	-10	-4	0	-5	-10	-2	1	11	15	20		17	21	6	4	8	12.0
	MIN	0	7	-6	-3	4	-12	-19	6	7	-3	-1	4	1	-3	-14	-25	-19	-9	-24	-26	-18	-17	-17	5	8		-9	6	-1	-7	-14	-6.6
HETTINGER	MAX	34	38	40	47		32	27	46	36	26	27	34	36	33	5	-4	4	25	14	8	10	10	15	25	28	20	18	17	5	5	5	22.2
	MIN	21	21	17	21		4	1	16	10	11	12	13	19	4	-12	-13	-13	-5	-3	-5	-13	-8	6	13	6	9	8	2	-11	-16	-17	3.3
HILLSBORO	MAX	28	33	22	12	37	35	11	30	27	20	21	26	30	30	7	-8	-5	4	3	-4	0	0	12	19	24	25	25	32	15	8	1	16.8
	MIN	6	12	-2	-3	2	-10	-19	10	17	1	-2	-5	5	7	-8	-15	-18	-9	-14	-21	-18	-18	-22	11	18	-7	-7	15	-2	-10	-18	-4.0
JAMESTOWN CAA AP	MAX	23	37	24	37	43	5	18	27	20	20	28	35	33	25	0	-10	1	7	5	-5	2	6	13	17	19	10	29	29	7	1	6	16.5
	MIN	1	15	4	13	4	-11	-13	8	4	-2	1	4	9	-1	-15	-17	-14	-11	-18	-21	-15	-14	-12	9	7	-5	9	6	-11	-14	-17	-3.8
JAMESTOWN STATE HOSP	MAX	22	37	27	37	43	33	19	28	27	19	27	35	34	28	5	-10	-2	9	7	-6	1	7	13	18	18	17	25	30	8	1	5	18.1
	MIN	4	18	4	14	14	-4	-11	10	12	-1	1	3	10	5	-10	-17	-13	-13	-11	-19	-15	-13	-11	9	11	-4	-1	8	-4	-14	-16	-1.7
KENMARE	MAX	32	28	29	29	27	38	1	12	26	15	23	23	13	17	11	-3	-5	1	4	-5	-5	3	10	14	19	15	18	18	11	-2	-4	13.3
	MIN	2	19	-3	-4	9	-9	-11	-8	8	-2	3	5	-2	8	-8	-18	-20	-15	-11	-25	-25	-20	-5	7	-3	-5	-4	8	-8	-13	-16	-5.4
KENSAL WILDLIFE REFUGE	MAX	28	36	20	37	41	37	17	27	26	24	29	35	33	29	13	-5	-3	9	5	-1	2	11	14	20	19	17	24	28	11	2	3	19.0
	MIN	0	15	1	10	11	-6	-12	10	12	-3	-1	3	9	6	-10	-16	-18	-14	-10	-22	-19	-14	-13	8	12	-10	-7	8	-3	-9	-16	-3.2
LANGDON EXP FARM	MAX	19	23	21	9	31	27	2	22	23	17	20	26	26	25	2	-8	-2	0	-5	-8	0	5	5	14	18	19	15	21	9	3	-1	12.2
	MIN	-2	6	-9	-4	0	-13	-19	1	14	-7	0	1	-1	0	-13	-26	-21	-13	-32	-30	-25	-21	-12	1	11	-2	-10	3	-3	-9	-24	-8.4
LARIMORE	MAX	30	32	29	10	38	29	17	28	26	20	30	32	27	28	15	-3	-4	3	0	-4	2	5	8	18	23	16	25	26	10	5	2	16.9
	MIN	-4	5	-3	-1	-3	-9	-19	3	15	0	-4	3	8	6	-12	-19	-17	-12	-17	-24	-19	-21	-18	8	9	-7	-10	10	-4	-8	-18	-5.9
LEEDS	MAX	20	30	18	18	33	13	12	24	27	18	22	26	25	23	0	-10	-5	4	0	-11	-4	0	12	16	23	13	20	20	5	-1	-5	12.5
	MIN	-11	10	-7	3	1	-12	-19	7	9	-11	-7	-5	-5		-11	-25	-21	-13	-31	-24	-24	-14	-14	7	10	-16	-18	2	-4	-14	-24	-9.4
LINTON	MAX	29	38	35	36	44	32	18	30	30	22	18	32	39	33	12	-5	0	12	9	0	0	8	13	18	20	25	26	27	11	2	0	19.8
	MIN	9	4	4	9	15	-2	-6	-1	13	-2	6	5	13	12	-5	-16	-14	-11	-9	-26	-25	-22	-1	12	0	-10	8	7	-3	-26	-28	-2.9
LISBON	MAX	27	43	39	35	45	38		30	29	23	21	25	36	33	18	-4	-2	5	0	-2	0	5	8	17	20	16	26	30	16	7	6	19.7
	MIN	1	5	4	15	4	-4	-14	8	16	9	-2	-4	3	16	-5	-13	-10	-2	-5	-23	-20	-17	-5	5	16		10	11	-2	-16	-20	-1.3
LOSTWOOD 12 N	MAX	24	25	23	31	35	8	10	23	21	18	26	17	24	18	-1	-10	-6	3	-4	1	2	5	11	17	20	18	14	12	13	-4	-2	12.6
	MIN	5	11	-5	15	8	-11	-9	9	3	-2	3	-3	-1	-1	-11	-20	-15	-7	-16	-27	-23	-11	0	10	-10	-8	-5	2	-6	-18	-18	-5.2
MADDOCK AGR SCHOOL	MAX	23	32	24	20	36	20	14	26	25	15	20	26	26	25	7	-5	-8	8	4	-10	-2	2	13	16	16	14	20	24	8	1	-3	14.1
	MIN	0	13	-5	6	7	-11	-17	9	10	-12	-2	2	3	6	-7	-22	-20	-12	-21	-29	-23	-20	-11	8	10	-17	-12	7	-1	-12	-22	-6.3
MANDAN EXP STATION	MAX	28	30	36	27	30	41	6	23	31	21	15	17	25	28	13	-4	-11	1	10	0	-7	-1	7	15	18	15	16	23	12	2	-2	15.0
	MIN	11	12	9	11	11	-4	-10	-1	13	-2	2	4	5	13	-5	-16	-18	-17	-4	-23	-22	-18	-15	7	-1	-9	2	4	-4	-17	-17	-3.2
MANDAN FT LINCOLN PARK	MAX	30	37	33	28	44	36	22	33	31	28	18	27	30	26	9	-3	-4	13	10	3	0	7	13	20	18	10	25	22	10	-3	-1	18.5
	MIN	10	11	5	8	12	-6	-11	11	12	-5	-1	3	5	8	-7	-20	-19	-9	-8	-25	-23	-22	-2	10	-3	-11	5	3	-7	-19	-17	-3.6
MARMARTH	MAX	34	40	41	49	45	34	30	38	38	38	34	33	43	32	5	1	15	25	20	19	15	17	20	25	30	23	21	19	17	6		26.9
	MIN	18	20	13	16	23	6	5	6	4	12	14	16	24	5	-9	-10	-13	-1	-14	-5	-6	-3	11	17	-7	3	14	4	-13	-19	-22	3.5
MAX	MAX	28	29	32	23	37	39	4	15	28	12	21	27	25	25	10	-3	-7	2	9	-1	-2	5	8	13	18	18	14	17	11	2	-1	14.8
	MIN	8	12	2	3	11	-7	-10	-7	9	-2	5	10	7	6	-8	-18	-18	-19	-5	-22	-21	-16	-8	7	0	-7	1	7	-5	-14	-15	-3.7
MAYVILLE	MAX	22	32	26	17	33	26	10	26	26	19	23	34	28	28	9	-8	-5	2	2	-8	-1	4	11	18	24	16	26	30	12	3	0	15.6
	MIN	-4	8	0	1	13	-7	-19	8	17	-2	-4	-2	6	9	-9	-15	-17	-15	-14	-22	-21	-20	-21	10	11	-5	-8	12	-4	-11	-18	-4.6
MC CLUSKY	MAX	30	27	30	32	40	32	19	28	22	18	23	26	29	27	3	-9	-6	8	0	-7	0	3	14	18	14	9	22	23	10	-1	1	15.6
	MIN	4	-2	10	12	12	-8	-11	10	9	-3	3	8	1	3	-9	-19	-20	-11	-15	-23	-19	-17	-4	10	-1	-11	0	6	-11	-14	-19	-4.2
MC HENRY 5 N	MAX	18	32	24	25	36	26	12	28	27	21	26	31	29	27	3	-11	-5	4	2	-8	-2	1	8	16	21	15	23	25	8	0	-2	14.8
	MIN	-3	12	-4	5	4	-8	-19	7	9	-4	-3	4	7	3	-11	-20	-17	-15	-18	-24	-20	-16	-11	6	3	-4	-8	7	-1	-10	-21	-5.5
MC LEOD 3 E	MAX	26	39	35	35	45	38	12	29	25	23	25	32	35	34	22	-5	3	5	5	-1	2	5	8	19	28	17	24	32	11	8	4	20.0
	MIN	2	16	2	5	11	-3	-16	5	12	14	-4	-2	5	17	-7	-10	-13	-15	-12	-25	-24	-20	-17	7	2	-8	13	11	-3	-18	-20	-3.1
MEDORA 3 NNE	MAX	38	40	46	50	45	31	28	36	35	35	36	33	42	29	5	-1	11	22	10	11	15	16	21	33	32	23	21	19	8	6	7	25.3
	MIN	10	12	5	9	24	0	6	-1	7	9	10	2	6	4	-11	-15	-13	-9	-3	-9	-23	-13	11	15	-11	-14	10	6	-14	-27	-27	-1.4
MINOT CAA AP	MAX	29	32	28	25	40	0	17	28	15	20	24	18	17	15	-2	-8	-4	5	-2	-9	-1	7	15	17	17	17	18	16	6	1	3	13.0
	MIN	7	5	-4	7	0	-10	-10	13	5	1	9	4	4	-2	-15	-20	-18	-4	-22	-22	-20	-13	-2	8	-4	-3	5	5	-8	-12	-14	-4.2
MINOT EXP STATION	MAX	28	29	31	25	34	39	-1	17	27	14	22	23	17	18	9	-4	-9	1	5	-5	-10	3	9	13	16	14	16	17	11	2	-1	13.2
	MIN	6	13	-3	-2	10	-8	-9	-4	8	-2	3	7	3	3	-7	-21	-21	-19	-7	-24	-24	-17	-13	8	-1	-5	-3	8	-5	-13	-16	-5.0
MOFFIT 4 SE	MAX	27	38	31	36	42	38	23	30	28	18	18	32	36	30	10	-5	0	13	6	-4	0	9	14	19	16	12	26	26	11	5	4	19.0
	MIN	3	10	-2	11	18	-5	-10	11	11	-5	0	1	5	9	-6	-18	-16	-13	-11	-25	-24	-23	-6	12	1	-17	-4	5	-5	-18	-25	-4.4
MOHALL	MAX	24	32	16	11	40	14	15	26	23	16	17	20	15	15	5	-3	-7	1	0	-5	-1	-1	14	15	15	20	19	25	10	2	4	12.8
	MIN	-2	11	-7	-1	4	-11	-14	5	7	-4	2	3	-3	4	-8	-21	-18	-9	-21	-23	-18	-24	-10	9	6	8	5	8	-7	-15	-18	-5.2
MOTT	MAX	34	39	41	49	44	37	25	41	35	29	28	36	34	27	5	-5	5	21	13	5	10	9	16	26	30	18	20	16	10	5	3	22.8
	MIN	18	15	12	15	23	0	0	14	16	11	11	8	14	5	-11	-13	-17	-3	-7	-23	-23	-15	5	12	-5	0	10	3	-10	-21	-21	0.7
MUNICH 4 SW	MAX	12	22	18	19	31	11	7	21	22	15	19	21	23	24	-7	-14	-12	-2	-4	-11	-4	-1	10	19	17	13	20	15	11	5	-3	10.2
	MIN	-3	9	-11	-5	3	-16	-22	2	7	-8	-7	0	-4	-7	-21	-29	-24	-16	-29	-31	-25	-24	-17	0	-3	-8	-10	-4	-5	-5	-31	-11.1
NAPOLEON	MAX	29	39	31	37	40	33	14	28	27	21	23	32	37	24	6	-7	2	0	11	-3	0	9	14	18	19	23	28	28	5	-1	4	18.4
	MIN	14	13	7	14	23	-5	-14	10	10	-3	-1	6	10	5	-8	-19	-16	-10	-12	-20	-19	-19	-6	4	4	-10	1	0	-9	-22	-29	-3.3

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	35	40	44	48	43	34	24	40	36	35	30	35	39	30	3	-4	7	23	12	6	11	10	14	25	29	18	20	15	5	3	5	23.1
	MIN	18	21	13	16	25	0	2	12	13	9	13	9	12	2	-11	-14	-15	-1	-3	-18	-17	-10	8	12	4	4	10	3	-12	-18	-22	2.1
NEW SALEM 1 S	MAX	31	36	32	39	40	21	21	35	25	19	25	30	32	21	5	-6	-3	12	1	2	2	5	12	17	19	12	21	15	6	0	1	17.0
	MIN	15	10	10	18	19	-5	-6	8	8	1	9	8	8	3	-8	-18	-19	-7	-8	-23	-18	-18	3	10	7	2	7	2	-7	-17	-13	-0.6
NEWTOWN	MAX	26	31	25	30	39	18	15	28	18	21	25	22	26	22	6	-5	-4	10	1	-6	-2	6	13	22	18	17	17	16	10	-2	1	15.0
	MIN	6	8	2	9	18	-7	-5	9	4	-2	4	5	2	6	-8	-16	-15	-5	-12	-25	-20	-14	-2	10	-7	-9	-2	4	-5	-18	-19	-3.4
OAKES	MAX	34	21	40	28	36	49	4	25	32	22	23	19	32	36	25	-2	-6	0	6	4	-4	2	7	18	20	20	21	33	21	10	6	18.8
	MIN	4	8	10	9	10	-1	-12	-11	17	5	1	0	1	13	-4	-14	-13	-17	-13	-21	-20	-20	-12	3	13	-6	7	19	-1	-23	-26	-3.0
PARK RIVER	MAX	21	30	25	8	34	33	7	28	27	19	27	30	25	25	6	-10	-5	0	-1	-5	3	4	5	17	21	19	23	26	12	4	1	14.8
	MIN	-3	5	-3	-4	0	-8	-18	0	17	-1	0	4	2	6	-10	-19	-16	-14	-19	-23	-16	-17	-19	5	15	-4	-10	12	-2	-3	-14	-5.1
PARSHALL	MAX	25	31	34	34	37	19	15	28	17	24	30	23	30	25	4	-5	-4	10	-2	-1	3	6	13	21	20	15	17	15	11	-1	0	15.9
	MIN	5	3	0	10	19	-10	-5	10	5	-3	2	1	3	4	-7	-18	-18	-5	-17	-29	-20	-15	1	4	-9	-9	-5	3	-8	-20	-22	-4.8
PEMBINA 2 N	MAX	18	24	22	14	22	15	6	18	28	22	18	20	25	25	9	-7	-10	0	0	-13	-6	-5	8	19	23	25	18	20	11	5	0	12.1
	MIN	-4	4	-5	-7	-5	-8	-24	6	16	-5	-11	-6	-5	9	-8	-20	-20	-14	-27	-22	-20	-20	-26	1	15	2	-11	2	0	-5	-8	-7.3
PETERSBURG	MAX	24	29	23	9	34	24	8	24	23	22	28	30	32	32		-11	0	0	-2	-9	-2	8	5	15	22	13	23	23	10	3	-3	14.6
	MIN	-1	11	-7	0	0	-9	-15	6	10	-5	-6	1	4	1	-13	-20	-18	-13	-23	-26	-21	-20	-8	-1	7	-2	-7	10	3	-11	-22	-6.3
PETTIBONE	MAX	23	32	28	33	37	35	20	25	25	18	29	26	34	32	9	-7	-1	7	5	-8	-1	7	14	16	17	10	23	25	9	0	0	16.8
	MIN	8	9	-1	10	17	-8	-14	11	7	-4	6	-4	9	7	-9	-20	-18	-12	-13	-26	-20	-18	-8	8	7	-11	-1	7	-4	-19	-26	-4.2
PORTAL	MAX	25		25	22	24	35	15	12	31	12	22	15	10	23	10	-6	-13	-1	0	-10	-4	-4	10	15	20	13	15	13		-5	-8	10.9
	MIN	9	5	-8	-4	10	-13	-15	-7	-7	-4	1	1	-2	-3	-8	-21	-21	-15	-12	-25	-23	-16	-15	10	-4	0	-2		-10	-20	-22	-8.0
POWERS LAKE 1 N	MAX	23	26	27	30	37	0	10	25	22	21	28	22	26	22	-5	-12	-6	7	-5	0	0	7	12	22			20	12		-5	0	13.1
	MIN	0	-2	-6	11	0	-15	-8	6	4	-7	-3	2	-4	-5	-15	-21	-16	-10	-21	-30	-24	-15	1	3			-14	0	-13	-23	-27	-8.7
RAUB 10 SSW	MAX	28	35	34	41	42	20	19	29	20	22	26	21	25	20	10	-6	-4	11	1	-6	2	5	13	20	25	17	20	14	11	2	6	16.9
	MIN	11	12	12	14	16	-6	-4	8	7	5	9	10	10	5	-6	-15	-16	-5	-6	-22	-16	-11	2	11	-1	-6	6	3	-10	-16	-14	-0.4
RICHARDTON ABBEY	MAX	30	37	39	44	43	36	20	34	32	29	28	35	32	27	3	-8	0	12	6	2	5	8	12	19	26	18	20	16	6	1	4	19.9
	MIN	21	21	16	25	31	-3	-2	13	11	10	13	14	14	3	-11	-16	-15	-1	-5	-20	-15	-12	4	10	6	2	6	3	-9	-17	-18	2.5
RIVERDALE	MAX	25	30	32	26	37	40	2	18	29	17	17	24	23	25	11	-3	-8	3	10	-2	-5	4	8	14	18	19	14	22	11	2	1	15.0
	MIN	9	15	7	6	14	-6	-9	-5	11	-1	5	10	5	10	-6	-16	-17	-17	-5	-20	-20	-15	-10	8	2	-6	-4	6	-3	-13	-14	-2.5
ROLLA	MAX	18	30	19	20	40	10	8	24	24	17	22	23	22	22	0	-6	-5	-1	-3	-5	1	3	10	15	19	15	18	20	9	8	5	13.0
	MIN	1	10	-5	-2	4	-12	-18	6	5	-5	-2	5	0	-2	-12	-25	-20	-10	-22	-25	-16	-18	-12	9	11	-2	-2	5	0	-10	-19	-5.9
RUGBY	MAX	24	32	21	18	36	18	14	26	25	18	18	23	25	25	6	-6	-5	5	1	-8	-3	4	15	18	15	15	16	22	8	2	-2	13.7
	MIN	2	10	-6	5	5	-10	-16	10	10	-8	1	5	4	6	-8	-22	-20	-8	-20	-28	-25	-20	-8	9	6	-3	-4	4	0	-13	-22	-5.3
SAN HAVEN	MAX	28	30	21	22	39	13	4	22	22	16	25	26	18	23	0	-9	-8	0	-2	-10	7	2	12	14	19	16	16	20	10	6	1	13.0
	MIN	5	8	-6	0	9	-9	-15	4	11	0	2	6	7	0	-11	-19	-16	-10	-21	-22	-15	-13	-6	6	9	6	0	10	0	-9	-15	-3.4
SHARON	MAX	18	33	25	16	36	29	10	23	24	21	26	32	27	25	5	-10	-2	2	0	-8	2	6	7	16	20	14	22	25	9	2	-6	14.5
	MIN	3	11	4	2	2	-9	-16	5	13	-2	-2	5	7	5	-13	-18	-17	-13	-17	-25	-20	-18	-10	7	4	-5	1	5	0	-8	-20	-4.5
STANLEY	MAX	25	27	29	30	36	2	22	26	22	21	23	18	25	23	0	-5	0	5	5	-5	-2	4	14	20	17	15	15	13	5	-4	-3	13.6
	MIN	5	11	0	11	1	-12	-10	6	4	-6	3	4	0	-2	-13	-18	-13	-11	-19	-26	-21	-18	0	5	-11	-7	-5	0	-9	-18	-20	-6.1
STEELE	MAX	27	35	28	34	40	36	22	29	28	24	21	30	35	29	9	0	1	11	7	-1	1	11	15	20	19	13	24	27	15	3	1	19.2
	MIN	7	8	0	10	16	-8	-13	10	7	-6	1	5	7	4	-10	-21	-17	-13	-10	-26	-20	-20	-10	9	0	-14	-4	5	-5	-20	-23	-4.9
TIOGA 1 E	MAX	25	24	26	27	37	36	2	16	28	15	20	25	18	25	10	-8	-6	2	9	-4	-5	-3	7	14	18	18	19	17	8	-2	-5	13.3
	MIN	2	7	-2	-2	10	-10	-11	-3	4	-2	1	4	0	8	-10	-17	-16	-12	-7	-26	-26	-19	-5	5	-11	-9	-2	-1	-9	-21	-23	-6.5
TOWNER	MAX	25	34	28	22	39	11	5		18	25	18	22	25	9	5	-4	-5	5	-4	-8	-7	5	15	17	18	18	20	22	8	-5	0	12.7
	MIN	-5	11	-10	2	9	-23	-12		-3	-4	0	10	4	2	-9	-25	-10	-11	-18	-19	-27	-13	-8	8	-1	-8	-8	2	-15	-15	-25	-7.4
TURTLE LAKE	MAX	30	32	28	31	40	27	20	29	20	20	26	27	29	24	7	-5	-4	9	3	-6	3	5	13	18	18	15	22	22	11	0	1	16.6
	MIN	3	8	-4	10	15	-8	-13	10	8	-5	0	6	2	5	-5	-20	-21	-12	-12	-26	-20	-19	-10	7	2	1	-2	4	-8	-17	-19	-4.5
UNDERWOOD	MAX	28	32	32	30	34	34	12	19	30	15	17	25	27	28	15	-4	-8	2	10	-1	-5	2	7	13	19	20	14	22	11	3	-3	15.5
	MIN	7	12	3	4	16	-7	-10	-6	10	0	5	9	6	6	-7	-18	-18	-18	-6	-23	-23	-20	-12	6	2	-6	-2	6	-5	-15	-16	-3.9
UPHAM 3 N	MAX	19	31	22	20	38	19	14	28	25	20	19	20	22	22	2	4	-3	5	7	-4	-4	2	9	12	17	19	17	22	10	2	2	14.1
	MIN	-3	10	4	7	14	-3	-15	8	10	-12	10	9	11	2	-8	-25	-15	-6	-25	-27	-25	-22	-10	-7	-3	8	-7	5	-3	-13	-25	-5.0
VALLEY CITY	MAX	26	37	35	31	43	40	12	32	31	25	23	33	36	31	12	-6	-3	8	8	-6	2	6	10	18	21	15	25	25	12	5	2	19.0
	MIN	2	10	3	8	8	-5	-12		15	9	1	1	9	12	-7	-15	-13	-15	-8	-22	-16	-15	-10	8	14	3	6	12	2	-11	-20	-1.5
VELVA	MAX	31	33	21	30	40	18	20	29	26	23	21	20	23	23	5	-5	-6	6	1	-9	2	8	16	17	20	14	18	20	10	2	4	15.5
	MIN	-1	16	-6	9	14	-7	-9	14	11	-5	1	3	4	4	-7	-19	-21	-7	-15	-24	-22	-20	-5	10	-2	-8	-3	8	-3	-10	-18	-3.8
WAHPETON STATE SCHOOL	MAX	25	37	32	29	35	33	11	28	25	22	25	25	30	32	20	-4	3	5	5	-2	1	5	11	20	27	22	26	34	18	10	6	19.2
	MIN	5	5	0	4	12	-5	-7	9	19	12	-3	0	7	19	-6	-12	-12	-16	-10	-25	-21	-18	-13	9	13	-5	17	15	-3	-19	-20	-1.6
WASHBURN	MAX	30	35	29	29	43		20	31	30	18	25	28	28	23	5	-4	-3	11	2	-3	3	-3	15	20	17	14	23	23	11	0	3	16.8
	MIN	8	12	3	12	6	-8	-8	13	2	0	5	8	2	5	-7	-17	-17	-16	-10	-23	-15	-20	-10	10	2	-7	0	6	-3	-15	-15	-3.1
WATFORD CITY	MAX	32	33	37	42	39	13	24	28	25	32	29	22	33	22	1	2	2	9	6	3	8	16	16	26	28	12	19	16	9	0	4	19.0
	MIN	12	18	9	14	12	-7	0	11	12	6	8	6	7	0	-10	-11	-11	-7	-5	-21	-18	-9	8	12	3	-6	2	-3	-10	-20	-19	-0.5
WATFORD CITY 14 S	MAX	34	38	45	49	44	27	20	31	29	31	35	35	36	33	4	-4	4	17	12	6	10	14	15	29	31	27	21	19	11	2	7	23.0
	MIN	12	18	9	11	26	-3	-4	14	13	9	10	6	9	4	-10	-14	-12	-7	-4	-18	-17	-6	9	13	-5	-8	4	3	-3	-23	-24	0.4
WESTHOPE	MAX	21	22	4	21	37	2	12	26	25	17	16	18	17	13	2	-8	-6	2	-3	-10	-5	-1	13	15	15	18	19	17	10	-5	0	10.5
	MIN	-2	4	-10	-5	2	-10	-14	7	0	-5	-2	2	3	1	-10	-23	-17	-7	-25	-28	-25	-18	-7	8	-2	0	-3	5	-10	-14	-24	-7.4
WILLISTON WB CITY	MAX	28	30	34	38	39	6	23	24	21	27	26	15	29	15	-4	-3	6	8	4	-2	6	16	16	25	22	12	18	15	2	1	0	16.0
	MIN	7	15	5	13	1	-8	1	10	3	5	6	5	2	-5	-15	-15	-8	-5	-16	-23	-19	-9	9	9	-2	-5	10	2	-11	-19	-16	-2.4
WILLOW CITY	MAX	22	28	10	15	36	5	13	26	23	15	20	23	23	23	1	-3	-6	4	-2	-9	-3	3	14	16	16	15	19	22	8	-2	-4	12.0
	MIN	-6	5	-6	-2	4	-10	-18	8	5	-12	-5	-3	0	0	-9	-24	-19	-9	-23	-28	-30	-26	-15	10	2	-7	-10	3	-3	-13	-23	-8.5
WILTON	MAX																																
	MIN																																
WISHEK	MAX			36	38	42	38	13	22	27	21	22	31	35	28	10	-7	0	10	6	-6	2	6	12	19	22	20	30	11	1	2	4	17.1
	MIN					24	-4	-8																									

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1956

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL	T													0.6	T				T				T	1.0			2.5	T			
	SN ON GND	14	12	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	13	13	13	13	13
AMENIA	SNOWFALL														1.0	1.0	1.0								1.0	3.0		1.0	1.0			
	SN ON GND	5	4	4	4	3	3	3	3	3	3	2	2	2	3	4	5	5	5	5	5	5	5	5	6	9	9	10	11	11	11	11
AMIDON	SNOWFALL														1.6	T	T						T	T	T			T	1.0			T
	SN ON GND															T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1	1
ASHLEY	SNOWFALL	T													0.5	0.2								T	1.5	1.0	1.0	1.5				
	SN ON GND	1	1	1											1	1	1	1	1	1	1	1	1	1	3	4	5	7	7	7	7	7
BEACH	SNOWFALL														2.0	0.7		T			0.2	0.1		0.2	0.2			0.1	1.0		T	0.2
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
BELCOURT INDIAN RES	SNOWFALL		T						T						T	T			2.0					T	1.0	T	T	2.0	3.0	T		
	SN ON GND	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	9	12	12	12	12
BELFIELD	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4
BEULAH	SNOWFALL									T						T					T					T			4.0			
	SN ON GND	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	10	10	10	10
BISBEE	SNOWFALL								T						0.3	0.3		0.5						T	0.8	1.0	T	4.5	3.5			
	SN ON GND	14	14	14	14	14	14	14	14	12	12	12	10	10	11	11	11	11	11	11	11	11	11	11	11	12	12	16	20	20	20	20
BISMARCK WB AP	SNOWFALL	1.2								T					1.3	1.5		T	T	T			T	0.8	2.8		T	2.0	0.3			T
	SN ON GND	4	5	5	5	5	4	4	4	4	4	4	4	4	3	5	5	5	5	5	5	5	5	5	5	7	7	7	9	9	9	9
	WTR EQUIV	1.0	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.6	1.6	1.6	1.6
BOTTINEAU	SNOWFALL		T								T					0.1	0.2		0.1	0.1					0.1	1.0	T	T	3.0	T		
	SN ON GND	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	11	11	11	14	14	14	14
BOWBELLS	SNOWFALL	T	T			T	T			T					T	T								1.0				1.0				
	SN ON GND	9	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8
CARSON NO 2	SNOWFALL	–													–										–			–				
	SN ON GND	4	4	4	4	4	3	3	3	3	2	2	2	2	5	5	5	4	4	3	3	2	2	2	6	6	6	8	8	8	8	7
CENTER	SNOWFALL	T													1.0								T	T				1.0				
	SN ON GND	7	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
CROSBY	SNOWFALL									T					T	0.5		T	T	T					T		0.4	1.9	1.9	T	T	
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	6	6	6	6
DEVILS LAKE WB CITY	SNOWFALL	T	T			T		T	T	T	T		T	T	0.1	1.1	T	T	0.3	T	T	T	T	0.5	3.2	2.6	T	7.7	T	T		T
	SN ON GND	10	10	10	10	10	10	10	10	10	9	9	9	9	9	10	11	10	10	10	10	10	10	10	11	15	16	16	23	22	21	21
DICKINSON CAA AP	SNOWFALL														4.1	0.1	T			0.5	T		0.8	0.3	T		T	1.8	T		0.1	
	SN ON GND	1	1	1	T	T	T	T	T	T	T	T	T	T	1	2	2	2	2	2	3	3	3	4	4	4	4	4	6	6	6	6
DICKINSON EXP STATION	SNOWFALL	T													1.5	T	T				T		T	2.0	T			1.0	2.0	T		T
	SN ON GND	1	1	1	1	1	1	1	1	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	5	5	5
DUNN CENTER 2 SW	SNOWFALL	T								T					T	–	T				T		T	T	T			T	1.0			
	SN ON GND	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4
EDMORE 1 W	SNOWFALL										T				T	0.5		T		1.5					1.5	2.0		6.5				
	SN ON GND	14	14	13	13	13	12	12	12	12	12	11	11	11	11	12	12	12	12	14	14	14	14	13	15	17	17	23	23	22	22	22
ELLENDALE	SNOWFALL								T		T			T	0.8	0.8	T	T	T	T				T	3.5	1.5	1.5	2.0	0.8			
	SN ON GND	1	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	4	5	6	8	8	8	8	8
FARGO WB AP	SNOWFALL						T	T	T	T				T	0.8	1.3	0.1	0.2	T	0.1	T	T	T	T	1.2	1.5	T	2.7		T	T	
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	5	6	5	7	7	7	7
	WTR EQUIV	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.9	0.9	0.9	0.9
FORT YATES	SNOWFALL	0.2													0.7	0.3				T				T	4.2		3.3	3.0				
	SN ON GND	5	5	4	3	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	5	5	9	12	12	12	12	12
FOXHOLM 7 N	SNOWFALL													T	T	1.0			T						0.5		T	1.0	0.2			
	SN ON GND	7	7	7	7	6	6	6	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	8	8	8	8	8
FULLERTON	SNOWFALL										T				3.2		T	T						T	4.7		1.2	2.2				
	SN ON GND	2	T												3	3	3	3	3	3	3	3	3	2	6	6	6	8	7	7	7	7
GARRISON	SNOWFALL									T					T	1.2	T			T				T	T			T	3.4			
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GRAFTON	SNOWFALL														T	2.2	T			0.2					7.0	5.7	0.7	1.3	2.7			
	SN ON GND	14	13	13	13	11	11	11	10	9	9	9	8	7	7	9	9	9	9	9	9	9	9	9	16	22	22	24	27	27	27	27
GRAND FORKS CAA AP	SNOWFALL						0.3	T							1.9	2.4	T	T	T	0.5	T			T	2.1	2.0	0.3	4.6	2.1		T	
	SN ON GND	8	7	7	7	7	7	7	7	7	6	6	5	5	5	7	9	9	9	9	9	9	8	8	8	11	12	12	17	17	17	16
GRAND FORKS UNI	SNOWFALL						T	T							0.7	0.8		T	T	0.2					2.0	2.3		3.0	2.7	0.2	T	
	SN ON GND	8	8	7	7	7	7	7	7	7	7	7	6	5	6	7	7	7	7	7	7	7	7	7	9	11	11	14	17	17	17	17
GRANVILLE	SNOWFALL														T	1.0		T						T	T	T	T	6.0	T			
	SN ON GND	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	20	20	20	20	20
HANSBORO	SNOWFALL		0.1						0.1						0.2	1.3			1.0					0.1	0.3	1.5		1.5	1.5			
	SN ON GND	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	19	19	19	19	19	19	19	20	20	21	23	23	23	23
HETTINGER	SNOWFALL	T													1.0							1.0	0.3	0.3	0.1		0.6	2.0				
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	6	6	6	6	6
JAMESTOWN CAA AP	SNOWFALL	T	T							T	T				1.4	0.5	T	T	T	T	T	T		T	3.1	2.4	0.4	0.4	T	T		T
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	T	T	T	2	2	2	1	1	1	1	1	1	1	6	6	6	6	6	6	6
KENSAL WILDLIFE REFUGE	SNOWFALL																							T	2.0	3.0		1.0	1.0			
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7	10	10	11	12	12	12	12
KILLDEER 8 NW	SNOWFALL																	T											2.0			
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3
MANDAN EXP STATION	SNOWFALL	0.4	1.0							T						1.0	T				T			T	1.0	1.0		1.5	2.0			
	SN ON GND	4	5	5	5	5	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	6	6	8	10	10	10	10
MAYVILLE	SNOWFALL						T		T					T	1.0	1.0		T	T	T					2.0	1.5	T	0.8	2.2			
	SN ON GND	5	4	4	4	4	4	4	4	4	4	4	3	3	4	5	5	5	5	5	5	5	5	5	7	8	8	9	11	10	10	10
MC CLUSKY	SNOWFALL	0.1													0.2	0.8									3.0			4.0	0.2			
	SN ON GND	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	7	7	7	11	11	11	11	11

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MC HENRY 5 N	5NOWFALL									T						0.3	T	T	T					T	1.9	2.5		1.0	2.5			
	SN ON GNO	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	9	12	12	13	16	16	16	16
MEODRA 3 NNE	5NOWFALL														2.0					T		T	T					1.0			T	T
	5N DN GND	2	2	2	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3
MINOT CAA AP	SNOWFALL	T			T	T	T	T	T	T		T	T	T	0.2	1.2	T	T	T	0.2	T	T	T	0.2	T	T	T	1.4	1.2			
	5N ON GNO	5	5	5	4	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	6	6	6	6
MINOT EXP 5TA	SNOWFALL		T								T					0.5	0.2			0.2				T				0.2	5.0			
	SN ON GNO	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11	11	11	11
MOHALL	5NDWFALL									T					1.0				T						T	T		1.0	3.0			
	5N DN GND	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	8	8	8	8	9	12	12	12	12
MONTPELIER	5NOWFALL								T	T	T				0.9	0.3		T	T	T				T	1.5	2.5	0.2	1.2	T			
	5N ON GND	T	T	T	T				T	T	T				1	1	1	1	1	1	1	1	1	1	2	5	5	6	6	6	6	6
MDTT	SNOWFALL														1.0					T			T				T	1.0				T
	SN ON GNO	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
MUNICH 4 5W	SNOWFALL		T						T	T		T	T		T	1.0			T					T	1.5	4.0		1.0	4.0			
	5N ON GND	10	10	10	10	9	9	9	9	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	9	13	13	14	18	18	18	18
NAPDLEON	SNOWFALL	0.5													1.0	0.2								0.2	2.0	1.0		3.0				
	SN ON GND	8	7	7	7	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	9	10	10	13	13	13	13	13
OAKE5	5NDWFALL											T				1.0	T	T	T	T					0.5	4.0	T	1.5	2.0			
	5N ON GND	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	5	5	7	8	8	8	8
PAR5HALL	5NDWFALL									T					0.3	0.4									T		T	3.0	1.0			
	5N ON GND	8	8	8	7	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	9	10	10	10	10
PETER58URG	5NDWFALL								0.5							0.9									2.0	3.0		3.0	5.0			
	SN ON GNO	8	8	7	7	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	9	12	12	15	20	20	20	20
PETTI8ONE	SNDWFALL															1.0								T	T	4.0		4.0				
	5N ON GND	7	7	7	7	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	11	11	15	15	15	15	15
PRETTY RDCK	5NDWFALL				T										2.0	1.0		T		1.0		T	T		1.5			2.0	T	T		T
	SN DN GND	5	5	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	7	7	7	7	7	8	8	8	9	9	9	9	9
RICHARDTON A88EY	5NOWFALL														1.7	0.5				0.2	T		T	0.2	T		T	3.3	T			0.1
	5N DN GND	1	1	1	T	T	T	T	T	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2	2	2	5	4	3	3	3
RIVEROALE	5NOWFALL		T							T					T	–	T			T				T	T	T		T	2.0	T		
	5N ON GND	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5
ROLLA	SNOWFALL		T						T	T				T	0.4	1.0				1.0				T	0.5	0.4	T	3.5	1.0			
	SN ON GND	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	16	16	16	16	16	16	16	16	16	19	20	20	20	20
SAN HAVEN	SNOWFALL		0.1							T					0.2	0.8			1.0	T				0.1	0.6		T	1.6	1.8			
	5N DN GND	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	13	13	13	13	13	13	14	14	14	15	17	17	17	17
SHARON	SNDWFALL														1.0	0.5		T						T	1.0	3.0		3.0	3.0			
	SN ON GND	7	7	7	7	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	10	10	13	16	16	16	16
STANLEY	5NOWFALL														0.5										T		T	1.0	1.0			
	5N ON GND	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8	8	8	8
UPHAM 3 N	SNOWFALL		T							T				T	T	1.0		T	T	0.5					T	T	0.5	2.0	2.0			
	5N ON GND	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	20	22	22	22	22
VALLEY CITY	SNOWFALL								T	T					2.5	T		0.1							1.5	3.0	0.2	3.0				
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WAHPETON 5TATE SCHDDL	5NOWFALL														T	3.0	0.4								1.2	3.0	T	2.5	0.5			
	5N ON GNO	5	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	5	5	5	5	5	5	4	5	8	8	10	9	9	9	9
WESTHOPE	5NOWFALL	T													T	3.0									T	T		7.0	T			
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WILLI5TON W8 CITY	SNOWFALL					T			T						0.7	0.1		T	T	0.1			T	T	0.2		T	0.4	0.1	T	T	T
	SN ON GND	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4
	WTR EDUIV	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
WILLOW CITY	SNDWFALL		T												T	1.0			T					T	0.5	T		4.0	T			
	5N ON GND	9	9	9	9	9	9	9	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	11	11	11	11	11

STATION INDEX

NORTH DAKOTA
JANUARY 1958

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	48 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	89 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2592	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 18	101 47	1780	6A	6A	Mont. Dak. Util. Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N.D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Book	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 48	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert R. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA Ap	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Wess	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Leo J. Braun	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	10P	10P	L. D. Wielson	2 3 5
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2046		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 39	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davie	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		8P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 S	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1885	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		8P	William R. Rugh	3
Lostwood 12 W	5320	Burke	12	48 33	102 24	2250	8P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	89 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5478	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 48	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	8P	S. P. Crane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5838	McLean	8	47 49	101 18	2093	8A	8A	R. H. Schafer	2 3 5
Mayville	5660	Traill	10	47 30	87 19	975	6P	8P	B. A. Ragan	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	8P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 56	-		MID	L. B. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1508	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina 1 W	5798	Stutsman	8	46 53	99 19	1795		8P	Rudolph Graf	3
Medora 2 SE	5803	Billings	7	46 53	103 30	2359		MID	CLOSED - - - - -	9/26/55
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 7 C
Medora 23 WNW	5818	Billings	7	47 14	103 36	2123		7A	Archie B. McAdoo	3

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1638	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	88 35	1379		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	88 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Ted C. Frank	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	89 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Koetek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	ArtHur J. DeKray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1854	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1858	6P	6P	Lyle P. Boltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1818	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin B. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2249	8A	8A	Signal Oil & Gas Co.	2 3 5
Tolley 4 NE	8764	Renville	12	48 48	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	GoldenValley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	1475		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		MID	Washburn Water Wks	C
Watauga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edsel R. Anderson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Dodge	2215	Dunn	6	47 13	102 12	1989		MID	Bernard Teske	C

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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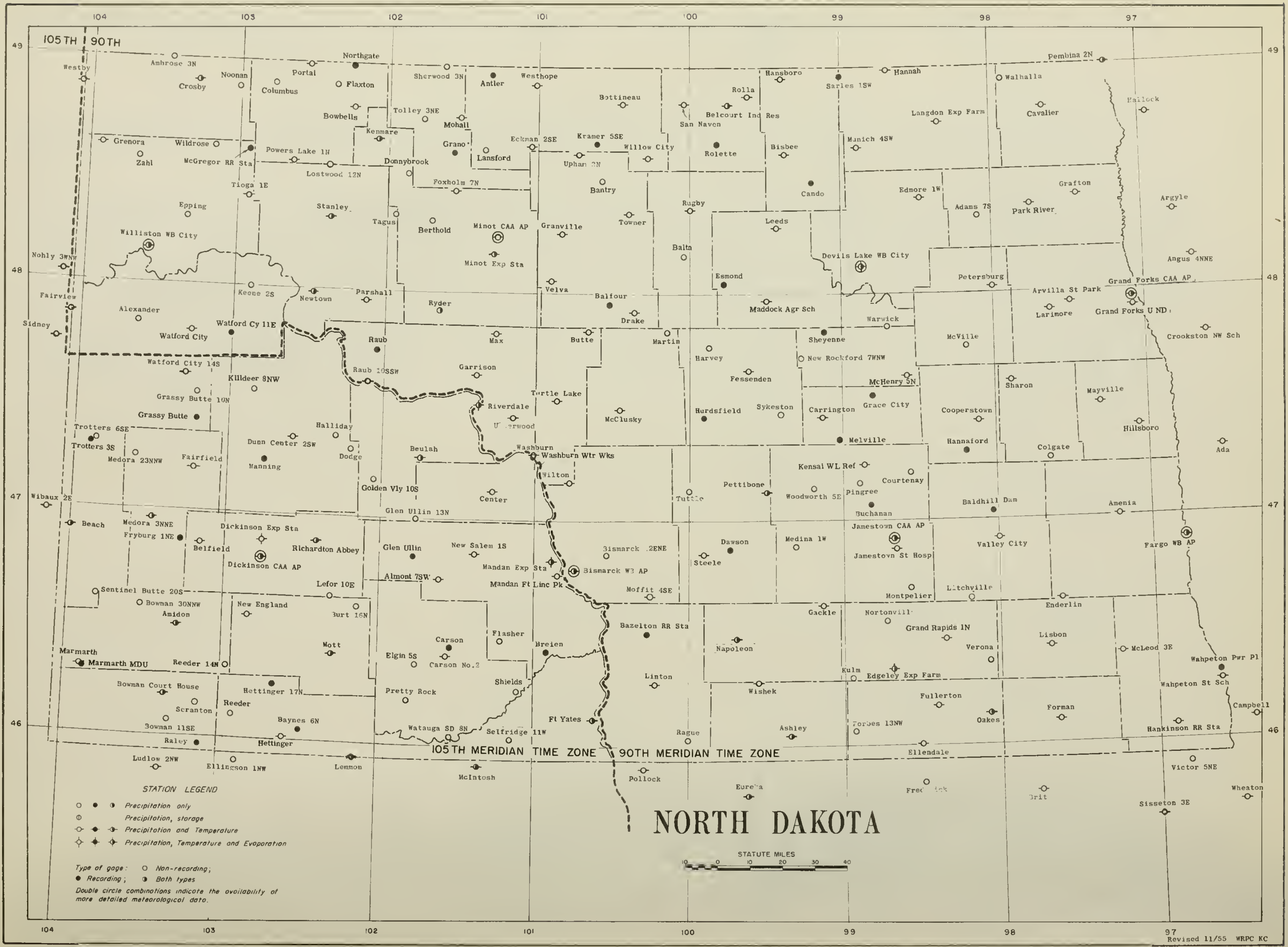
NORTH DAKOTA
STATUTE MILES
10 0 10 20 30 40
105TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
105TH
90TH
104
103
102
101
100
99
98
97
49
48
47
46
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording; ● Recording; ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data.
Revised 11/55 WRPC KC
Westby
Ambrose 3N
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Bowbells
Sherwood 3N
Antler
Westhope
Tolley 3NE
Mohall
Kenmare
Grano
Lansford
Eckman 2SE
Kramer 5SE
Upham 3N
Willow City
Bottineau
San Haven
Belcourt Ind Res
Rolla
Rolette
Hansboro
Bisbee
Sarles 1SW
Hannah
Munich 4SW
Cando
Langdon Exp Farm
Walhalla
Pembina 2N
Cavalier
Hallock
Edmore 1W
Adams 7S
Park River
Grafton
Argyle
Angus 4NNE
Grenora
Zahl
Wildrose
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Foxholm 7N
Tioga 1E
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Minot Exp Sta
Granville
Bantry
Towner
Rugby
Balta
Leeds
Devils Lake WB City
Esmond
Maddock Agr Sch
Warwick
Petersburg
Arvilla St Park
Larimore
Grand Forks CAA AP
Grand Forks U ND
Crookston NW Sch
Williston WB City
Nohly 3WNW
Fairview
Sidney
Alexander
Keene 2S
Newtown
Parshall
Watford Cy 11E
Watford City
Ryder
Velva
Balfour
Drake
Martin
Butte
Raub
Max
Sheyenne
New Rockford 7WNW
McVille
Watford City 14S
Killdeer 8NW
Raub 10SSW
Garrison
Harvey
Fessenden
McHenry 5N
Sharon
Mayville
Grassy Butte 10N
Grassy Butte
Riverdale
Turtle Lake
Underwood
McClusky
Hurdsfield
Sykeston
Carrington
Grace City
Cooperstown
Hillsboro
Trotters 6SE
Trotters 3S
Medora 23NNW
Fairfield
Dunn Center 2SW
Manning
Halliday
Dodge
Beulah
Washburn
Washburn Wtr Wks
Wilton
Melville
Hannaford
Colgate
Ada
Golden Vly 10S
Center
Tuttle
Pettibone
Woodworth 5E
Kensal WL Ref
Pingree
Courtenay
Buchanan
Baldhill Dam
Amenia
Wibaux 2E
Beach
Medora 3NNE
Fryburg 1NE
Belfield
Dickinson Exp Sta
Dickinson CAA AP
Richardton Abbey
Glen Ullin 13N
Glen Ullin
New Salem 1S
Mandan Exp Sta
Bismarck WB AP
Bismarck 2ENE
Mandan Ft Linc Pk
Almont 7SW
Dawson
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Sentinel Butte 20S
Bowman 30NNW
Amidon
Lefor 10E
New England
Burt 16N
Moffit 4SE
Montpelier
Litchville
Enderlin
Gackle
Nortonville
Grand Rapids 1N
Lisbon
McLeod 3E
Marmarth
Marmarth MDU
Reeder 14N
Mott
Carson
Carson No.2
Elgin 5S
Flasher
Breien
Bazelton RR Sta
Napoleon
Verona
Kulm
Edgeley Exp Farm
Wahpeton Pwr Pl
Wahpeton St Sch
Bowman Court House
Scranton
Reeder
Hettinger 17N
Pretty Rock
Shields
Linton
Wishek
Fullerton
Forman
Oakes
Campbell
Bowman 11SE
Raley
Baynes 6N
Hettinger
Watauga SD 8N
Selfridge 11W
Ft Yates
Rague
Ashley
Forbes 13NW
Hankinson RR Sta
Ludlow 2NW
Ellingson 1NW
Lemmon
McIntosh
Pollock
Eureka
Ellendale
Frederick
Britton
Victor 5NE
Sisseton 3E
Wheaton

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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

FEBRUARY 1956

Volume LXV No. 2

APR 1956
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1956

NORTH DAKOTA - FEBRUARY 1956

WEATHER SUMMARY

February was a cold dry month. Livestock wintered in fair to good condition but required large quantities of supplemental feed.

February began cold but turned mild on the 3d. Mild weather continued until the 13th. Arctic air began pouring into the State on the 14th and started a cold spell which prevailed until the 22d. The 23d was mild but Arctic air again overspread the State on the 24th. Mild weather returned on the last day of the month. Most stations registered their highest maximums during the period, 4th to 10th, or on the 29th. Monthly maximums ranged from 31° at Munich 4 SW to 53° at Marmarth on the 29th. Monthly maximums at most stations were between 35° and 45°. Most stations registered their coldest temperatures for the month on the 1st, 16th, 17th, or 21st. Temperatures dropped to -30° at numerous eastern stations but higher minimums were the rule over the central and west. Monthly minimums ranged from -16° at Richardton Abbey on the 16th to -40° at Munich 4 SW on the 17th. Monthly mean temperatures ranged from -1.5° at Munich 4 SW to 18.3° at Bowman Court House. Temperatures during February averaged 3.6° below normal at Bismarck, 3.8° below normal at Devils Lake, 5.0° below normal at Fargo, and 0.9° below normal at Williston. In general, temperatures averaged rather cold for February over the eastern part of North Dakota, slightly colder than seasonal over the middle part, and very close to seasonal over the western part.

Light snow fell on many days during February. The most important amounts occurred near the middle of the month and during the middle of the fourth week. Several west central stations received only flurries of little consequence. Monthly totals were less than 2.0 inches over many west central counties. Several northeastern and several southeastern counties received more than 4.0 inches of snow during February. The greatest monthly total, 9.6 inches, occurred at Petersburg. Bismarck received 40% of normal precipitation during February, Devils Lake 126% of normal, Fargo 26% of normal, and Williston 21% of normal. In general, a few eastern stations received more than usual February amounts but most eastern stations and almost all western stations received much less than in most Februarys. The greatest precipitation deficiencies were in the west.

Thunderstorms occurred on the 12th over the southwest. A few thunderstorms occurred over the northwest on that date. Some of the storms were accompanied by ice pellets. Severe blizzard conditions prevailed over northeastern North Dakota on the 13th. Many roads were closed, and although the storm caused some hardship and inconvenience, no loss of lives was reported to the Weather Bureau.

The weather was favorable for outdoor work on a few of the milder days but on most days outside work was limited to chores and the care of livestock. Heavy yard feeding was required and feed shortages were expected if the snow continued to cover the ranges. Livestock continued in fair to good condition. Some older cows suffered during the extremely cold weather. The ice in the rivers was unusually thick.

Lucius W. Dye

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	14	10.3	42	NW	11	81	80	76	79	12	2	1	0	0	0	15	59	6.3
DEVILS LAKE WB CITY	-	-	7.7	27	W	13	-	-	-	-	13	3	3	0	0	0	19	70	5.8
FARGO WB AIRPORT	S	20	12.4	56	SE	23	74	75	71	75	12	2	1	0	0	0	15	68	5.3
WILLISTON WB CITY	-	-	6.9	23	NW	12	73	73	63	69	14	3	0	0	0	0	17	60	6.5

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Long-term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long-term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	18.1	- 5.0	6.6		37	7	-32	17	1694	0	26	29	17	0.36		0.16	16	5.2	11	1	2	0	0
ARVILLA STATE PARK	16.8	- 8.8	4.0		36	9	-38	17	1768	0	25	29	22	0.27		0.15	16		17	1+	2	0	0
CARRINGTON AM	16.3	- 4.2	6.1		35	10	-23	17	1708	0	27	29	18	0.23	- 0.25	0.15	16	2.3			1	0	0
CAVALIER	16.9	- 6.1	5.4		39	9	-29	17	1728	0	25	29	19	0.48		0.20	16	5.3	32	1	3	0	0
COOPERSTOWN	17.7	- 4.6	6.6		34	9	-34	17	1691	0	25	29	17	0.28	- 0.35	0.19	16	4.0	27	16+	1	0	0
DEVILS LAKE WB CITY R //	15.3	- 5.5	4.9	- 3.8	37	29	-26	17	1739	0	28	29	17	0.54	0.11	0.18	12+	5.7	21	1	3	0	0
EDGELEY EXP FARM AM	19.2	- 3.4M	7.9M	- 5.2	42	6	-27	17	1658	0	23	29	17	0.17	- 0.28	0.14	16	2.0	7	1+	1	0	0
EDMORE 1 W	15.4M	- 9.4	3.0M		34	9+	-32	17	1796	0	27	29	19	0.25		0.10	13+	3.7	22	1+	2	0	0
ELLENDALE	21.9	- 1.6	10.2	- 3.7	38	4	-30	17	1585	0	22	29	16	0.35	- 0.27	0.22	16	5.0	9	16+	2	0	0
ENDERLIN AM	16.9	- 7.1	4.9		35	5+	-28	17	1741	0	26	29	21	0.26		0.20	17				1	0	0
FARGO WB AP R //	15.6	- 4.0	5.8	- 5.0	34	7	-26	21	1714	0	28	29	18	0.18	- 0.51	0.13	16	1.8	7	1+	1	0	0
FORMAN	19.7	- 2.5	8.6		41	29	-26	17	1635	0	24	29	15	0.18	- 0.39	0.18	16	2.0			1	0	0
FULLERTON	21.1	- 2.0M	9.6M	- 4.5	35	4+	-28	17	1602	0	26	29	16	0.53	- 0.42	0.40	16	5.3			2	0	0
GACKLE	20.3	- 2.0	9.2		39	29	-29	17	1617	0	26	29	17	0.09		0.09	23	1.0	7	1+	0	0	0
GRAFTON	16.0	- 7.6	4.2	- 5.5	37	9	-35	19	1761	0	26	29	20	0.59	0.01	0.31	16	5.9	25	1+	2	0	0
GRAND FORKS CAA AP R	14.5	-10.4	2.1		37	9	-31	17	1825	0	28	29	21	0.53		0.26	16	7.6	18	17+	3	0	0
GRAND FORKS UNIVERSITY	14.8	- 8.2	3.3	- 5.6	37	9	-28	17+	1788	0	28	29	20	0.41	- 0.14	0.24	16	6.3	18	17+	2	0	0
GRAND RAPIDS 1 N	21.8	- 4.9	8.5		38	5+	-38	17	1638	0	21	29	16	0.33		0.28	16	6.0	8	26+	1	0	0
HANKINSON R R STATION AM	21.0M	- 4.0	8.5M	- 4.9	40	6	-21	21+	1627	0	24	29	19	0.15	- 0.43	0.10	16				1	0	0
HANNAH		-10.8M					-33	17		0		29		0.41	- 0.04	0.17	13	4.3	18	1	2	0	0
HILLSBORO	17.7	- 6.8	5.5	- 5.3	35	7+	-31	17	1724	0	26	29	17	0.34	- 0.20	0.19	16	3.0			2	0	0
JAMESTOWN CAA AP R //	18.4	- 4.1	7.2		36	29	-32	17	1677	0	26	29	19	0.38		0.31	16	4.2	8	17+	1	0	0
JAMESTOWN STATE HOSP	19.7	- 2.2	8.8	- 3.5	37	29	-32	17	1628	0	24	29	18	0.23	- 0.34	0.18	16	4.1			1	0	0
KENSAL WILDLIFE REFUGE	20.4	- 2.9	8.8		37	29	-31	17	1628	0	23	29	17	0.19		0.11	16	4.0	12	1+	1	0	0
LANGDON EXP FARM	13.2	-11.3	1.0	- 5.5	32	9	-34	17	1857	0	29	29	22	0.57	- 0.01	0.25	13	5.6	30	1+	2	0	0
LARIMORE	16.6	- 4.8	5.9	- 4.0	35	9	-30	17	1715	0	27	29	19	0.33	- 0.13	0.21	16	3.0			2	0	0
LISBON	19.1	- 5.7	6.7	- 6.4	41	4	-37	17	1687	0	24	29	18	0.26	- 0.32	0.14	16				1	0	0
MAYVILLE	16.2	- 5.9	5.2	- 6.1	36	9	-32	17	1735	0	27	29	17	0.36	- 0.17	0.18	16	4.1	10	1+	1	0	0
MC HENRY 5 N	15.9	- 5.3	5.3		37	29	-30	17	1732	0	27	29	19	0.27		0.13	13	3.2	19	16+	2	0	0
MC LEOD 3 E	18.9	- 5.5	6.7	- 6.3	41	4	-28	17	1686	0	25	29	17	0.20	- 0.27	0.17	16	2.7			1	0	0
MC VILLE	15.6	- 5.8	4.9		34	5+	-32	17	1741	0	27	29	18	0.33		0.18	16	6.0	20	16+	2	0	0
MUNICH 4 SW	11.3M	-14.3	- 1.5M		31	29	-40	17	1933	0	29	29	24	0.23		0.08	16	4.0	19	23+	0	0	0
OAKES AM	17.5	- 6.9	5.3	- 7.3	35	8	-32	17	1730	0	26	29	19	0.45	- 0.14	0.20	16	4.8	9	17+	1	0	0
PARK RIVER	17.1	- 4.1	6.5	- 2.5	37	9	-25	17	1695	0	25	29	18	0.40	0.04	0.20	13	4.0	27	16+	2	0	0
PEMBINA 2 N	14.7M	-11.1M	1.8M		41	10	-36	17	1854	0	27	29	19	0.39	- 0.05	0.15	13	6.0	24	1+	1	0	0
PETERSBURG	14.5	- 6.8	3.9		32	9	-28	17	1774	0	29	29	19	0.56	0.13	0.25	13	9.6	23	16+	3	0	0
SHARON	16.1	- 4.6	5.8	- 3.7	32	7+	-29	17	1715	0	29	29	17	0.40	- 0.07	0.40	16	4.0	16	1+	1	0	0
VALLEY CITY	19.0	- 1.6M	8.7M	- 4.4	36	4+			1621	0	22	29	18	0.33	- 0.16	0.20	16	5.7			1	0	0
WAHPETON STATE SCHOOL	21.6	- 4.4	8.6	- 5.2	36	4	-26	21	1634	0	23	29	15	0.29	- 0.28	0.15	16	4.1	9	1+	1	0	0
DIVISION			5.9											0.34				4.4					
MIDDLE DIVISION																							
ASHLEY	19.8	- 4.2	7.8	- 4.7	37	4	-32	17	1658	0	24	29	19	0.16	- 0.28	0.15	16	3.0	9	16+	1	0	0
BELCOURT INDIAN RES	16.5	- 7.4	4.6		42	9	-35	17	1753	0	25	29	20	0.24		0.11	13	4.6	14	13+	1	0	0
BISBEE	13.6	- 6.5	3.6		35	29	-31	17	1781	0	28	29	20	0.67		0.32	16	6.0	24	16+	2	0	0
BISMARCK WB AP R //	21.0	- 2.8	9.1	- 3.6	40	29	-28	17	1618	0	21	29	18	0.18	- 0.27	0.16	16	2.5	9	1	1	0	0
BOTTINEAU AM	12.7	- 8.9	1.9	- 5.7	32	6+	-31	17	1831	0	29	29	20	0.19	- 0.16	0.06	16	2.2	15	16+	0	0	0
BUTTE AM	18.7M	- 1.7M	8.5M		35	10	-21	17	1637	0	26	29	20	0.05		0.03	16	5.0	10	1+	0	0	0
CARSON NO 2 AM																							
CENTER	23.3M	- 0.5M	11.4M		42	29			1541	0	20	29	18	0.19		0.19	22	1.0	7	1+	1	0	0
DRAKE AM	16.4	- 5.6	5.4	- 4.5	35	10	-24	17	1726	0	27	29	19	0.20	- 0.18	0.06	13+		14	1+	0	0	0
ECKMAN 2 SE AM	14.9	-10.3	2.3	- 5.3	34	10	-31	17	1819	0	28	29	22	0.13		0.06	17				0	0	0
FESSENDEN	18.4	- 4.2	7.1	- 3.7	36	29	-28	17	1678	0	24	29	17	0.20	- 0.31	0.12	16	2.0	16	1+	1	0	0
FORT YATES	25.3	- 0.1M	12.6M	- 3.9	45	5	-27	1	1516	0	18	29		0.08	- 0.37	0.06	16	2.5	12	1+	0	0	0
FOXHOLM 7 N	22.2	- 1.1	10.6	- 0.8	40	29	-28	17	1577	0	21	29	16	0.02	- 0.34	0.02	17	0.5	8	1+	0	0	0
GARRISON AM	18.8	- 3.0	7.9	- 4.5	36	5+	-20	17	1655	0	24	29	16	0.09	- 0.45	0.06	16				0	0	0
GRANVILLE	21.7	- 3.6	9.1	- 1.8	44	29	-27	17	1618	0	22	29	18	0.07	- 0.30	0.07	16	1.0	20	1+	0	0	0
HANSBORO	15.3M	- 6.6M	4.4M	- 3.0					1757	0		29	18	0.27	0.01	0.12	13	4.5	25	16+	1	0	0
LEEDS	16.4	- 7.8	4.3		37	29	-36	17	1762	0	26	29	19	0.60		0.22	13	5.8	20	1+	3	0	0
LINTON	22.1	- 4.8	8.7	- 6.0	40	5	-32	17	1630	0	22	29	19	0.21	- 0.18	0.18	16	2.0	10	16+	1	0	0
MADDOCK AGR SCHOOL	16.2	- 5.0	5.6	- 4.0	36	29	-33	17	1722	0	27	29	17	0.37	- 0.09	0.18	13				2	0	0
MANDAN EXP STATION AM	18.8	- 1.5	8.7	- 4.3	40	6	-28	17	1633	0	24	29	16	0.05	- 0.43	0.05	16	2.1	10	1+	0	0	0
MANDAN FT LINCOLN PARK	23.8	- 1.0	11.4		44	5+	-29	17	1552	0	19	29	16	0.13		0.08	16	1.0	14	1+	0	0	0
MAX AM	18.0	- 5.0	6.5	- 3.5	37	10	-21	17	1696	0	24	29	18	0.36	- 0.04	0.19	13	2.3	8	1+	2	0	0
MC CLUSKY	20.2	- 1.9	9.2	- 2.4	36	5+	-25	17	1618	0	23	29	17	0.20	- 0.31	0.09	13	1.7	10	1+	0	0	0
MINOT CAA AP	19.8	- 0.4	9.7		40	29	-19	17	1601	0	24	29	16	0.18		0.09	16	1.8	6	1+	0	0	0
MINOT EXP STATION AM	17.1	- 3.8	6.7		34	10	-19	17	1690	0	27	29	17	0.05		0.03	16	0.9	11	1+	0	0	0
MOFFIT 4 SE	21.3	- 3.7	8.8		40	6	-29	17	1629	0	23	29	17	0.06		0.05	16	1.2	9	1+	0	0	0
MOHALL	21.2	- 2.4	9.4	0.0	40	29	-27	17	1610	0	24	29	17	0.09	- 0.38	0.04	11	2.5	12	1+	0	0	0
NAPOLEON	20.4	- 3.3	8.6	- 3.6	40	5	-24	17	1636	0	25	29	19	0.13	- 0.32	0.12	16	1.1	13	1+	1	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long-term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long-term Mean	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
NEW SALEM 1 S		22.5	1.5	12.0	- 2.5	40	29	-20	16	1533	0	22	29	13	0.21	- 0.27	0.08	15	4.3	12	25	0	0	0
PETTIBONE		16.8M	- 5.0M	5.9M	- 4.7	35	5+	-28	17	1713	0		29		0.20	- 0.30	0.15	15	1.5	15	1+	1	0	0
RIVERDALE	AM	17.8	- 1.3	8.3		35	5+	-21	17	1644	0	23	29	16	0.09		0.08	16	1.0	5	1+	0	0	0
ROLLA		15.6	- 4.6	5.5		38	9	-26	17	1724	0	26	29	19	0.52		0.15	16	5.4	23	16	3	0	0
RUGBY		17.6	- 4.2	6.7		37	29	-27	17	1690	0	27	29	18	0.43	0.04	0.21	11		29	16+	2	0	0
SAN HAVEN		16.1	- 2.6	6.8		40	9	-27	17	1686	0	24	29	18	0.32	- 0.08	0.13	11	3.9	19	16+	1	0	0
STEELE		21.0	- 4.1	8.5	- 3.1	41	5	-29	17	1638	0	24	29	18	0.16	- 0.21	0.10	16	4.0	12	1+	1	0	0
TOWNER		17.8M	- 7.3	5.3M	- 4.0	40	29	-28	17	1730	0	24	29	19	0.27	- 0.18	0.11	13	5.0			3	0	0
TURTLE LAKE		21.4M	- 3.8	8.8M		38	29	-23	17	1623	0	23	29	19	0.25		0.13	16				2	0	0
UNDERWOOD	AM	18.5M	- 3.0M	7.8M				-23	17	1662	0	23	29		0.15		0.07	16				0	0	0
UPHAM 3 N		19.7	4.3M	12.0M		41	29	-33	17	1687	0	26	29		0.38		0.20	11	4.0	22	1+	2	0	0
VELVA		21.6	- 1.8	9.9	- 2.7	40	29	-27	17	1592	0	20	29	17	0.11	- 0.32	0.09	16	2.0	13	1	0	0	0
WASHBURN		23.0M	0.3M	11.7M	- 2.7	45	29	-21	1+	1539	0	21	29	16	0.15	- 0.25	0.06	13+		14	1+	0	0	0
WESTHOPE		16.5	- 7.2	4.7	- 3.0	38	29	-26	17	1750	0	27	29	19	0.26		0.10	13	4.0			1	0	0
WILLOW CITY		16.2	- 9.6	3.3	- 3.5	41	29	-37	17	1787	0	26	29	21	0.28	- 0.11	0.12	16	4.0	13	16+	1	0	0
WILTON																								
WISHEK		18.8				37	5				0	23	29		0.12	- 0.26	0.12	16				1	0	0
DIVISION				7.6											0.21				2.8					
WESTERN DIVISION																								
ALMONT 7 SW		24.1	3.5	13.8		42	29	-19	16+	1480	0	20	29	12	0.05		0.03	16	1.4	13	1+	0	0	0
AMIDON	AM	26.5	3.1	14.8		44	29	-21	16	1451	0	18	29	10	T		T	12+	T	1	1+	0	0	0
BEACH	AM	28.1	2.7	15.4		43	13+	-25	16+	1436	0	17	29	13	0.17		0.08	13	2.9	2	1+	0	0	0
BELFIELD																								
BEULAH	AM	17.3	- 7.6	4.9		38	7	-28	2+	1743	0	24	29	17	T		T	12+	T	10	1+	0	0	0
BOWBELLS		20.4	- 2.5	9.0		37	29	-23	17	1625	0	27	29	17	0.13		0.07	16	1.6	8	1+	0	0	0
BOWMAN COURT HOUSE		30.8	5.7	18.3	0.6	49	29	-21	16	1347	0	13	29	10	0.07		0.05	13		5	1+	0	0	0
CROSBY		20.4	- 2.2	9.1	- 1.2	38	29	-23	16	1621	0	24	29	16	0.08	- 0.26	0.03	16	0.7	6	1+	0	0	0
DICKINSON CAA AP	R //	26.1	4.8	15.5		47	29	-19	16	1431	0	18	29	12	0.16		0.04	16	1.6	6	1+	0	0	0
DICKINSON EXP STATION	AM	25.8	1.4	13.6	- 0.3	42	13+	-25	1	1487	0	18	29	14	0.12	- 0.33	0.05	16	0.5	5	1+	0	0	0
DUNN CENTER 2 SW	AM	21.9	- 0.9	10.5	- 3.7	39	13+	-20	1+	1579	0	18	29	15	0.11	- 0.28	0.04	26		4	1+	0	0	0
FAIRFIELD		24.8	2.8	13.8		43	29	-23	16	1478	0	20	29	14	0.05		0.03	15	T	4	1+	0	0	0
GRENORA		23.7	- 1.0	11.4		39	29	-24	16	1554	0	16	29	17	0.36		0.32	28		5	1+	1	0	0
HETTINGER		28.3	5.8	17.1	- 1.2	49	29	-17	1	1386	0	16	29	12	0.11		0.04	16	1.3	6	1+	0	0	0
KENMARE	AM	17.6	- 2.5	7.6		35	11	-21	17	1664	0	25	29	16	0.09		0.05	13				0	0	0
LOSTWOOD 12 N		19.6	- 2.4	8.6		37	10	-22	17	1638	0	26	29	17	0.06		0.02	12	1.3	8	1+	0	0	0
MARMARTH		36.0M				53	29	-18	16		0		29		0.11	- 0.34	0.06	16	2.8			0	0	0
MEDORA 3 NNE		32.8	1.6	17.2		52	29	-31	1	1382	0	11	29	12	0.08		0.05	13	2.2	3	1+	0	0	0
MOTT		28.8	2.0	15.4	- 1.7	50	29	-27	1	1432	0	16	29	14	0.10	- 0.31	0.08	12	2.5	4	1+	0	0	0
NEW ENGLAND		28.8	4.3	16.6	- 0.8	50	29	-22	1	1400	0	14	29	12	0.09	- 0.50	0.05	22				0	0	0
NEWTOWN		23.2	0.1	11.7		44	29	-21	1	1540	0	20	29	15	0.07	- 0.37	0.05	16	0.5	6	1+	0	0	0
PARSHALL		22.6	- 2.6	10.0		40	29	-27	1	1594	0	20	29	15	0.11	- 0.20	0.04	16	1.0	10	1+	0	0	0
PORTAL	AM	15.3	- 5.6	4.9	- 3.3	35	7	-23	14+	1745	0	28	29	19	0.04	- 0.40	0.04	11	T	10	1+	0	0	0
POWERS LAKE 1 N		19.3M	- 6.4M	6.5M		37	29	-25	27	1695	0	25	29							5	1+			
RAUB 10 SSW		23.7	2.1M	12.9M		45	29			1517	0	20	29	19	T		T	14+	T	7	1+	0	0	0
RICHARDTON ABBEY		26.1	5.0	15.6	- 0.5	46	29	-16	16	1426	0	17	29	12	0.17	- 0.38	0.05	16	2.2	3	1+	0	0	0
STANLEY		18.2	- 3.6	7.3		38	29	-24	17	1671	0	25	29	16	0.14		0.08	17	1.0	9	25+	0	0	0
TIOGA 1 E	AM	16.9	- 6.1	5.4		34	10+	-23	17	1727	0	27	29	20	0.28		0.10	26+	2.9	7	1+	2	0	0
WATFORD CITY		26.0	2.8	14.4	- 1.1	46	29	-21	16	1464	0	17	29	14	0.10	- 0.45	0.05	17+	2.0	5	1+	0	0	0
WATFORD CITY 14 S		30.1	2.8	16.5		52	29	-25	1	1399	0	14	29	13	0.09		0.05	16		3	1+	0	0	0
WILLISTON WB CITY	R //	22.5	2.7	12.6	- 0.9	48	29	-21	16	1516	0	20	29	14	0.10	- 0.38	0.06	15	1.2	4	1+	0	0	0
DIVISION				12.1											0.10				1.3					

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.49										.05	.04	.07	.25			T						.07	.01								
ALEXANDER	.07							T	T					T	T	T	T	T								.07						
ALMONT 7 SW	.05						T	T					T		T	.02	.03	T					T			T						
AMBROSE 3 N	.15							T				T			T	T	.07	T			.08						T		T			
AMENIA	.36											.11		.08			.16										.01					
AMIDON	T												T	T			T	T					T	T			T					
ARVILLA STATE PARK	.27													.12			.15															
ASHLEY	.16	.01										T				T	.15			T				T								
BALTA	.42											.04	.08	.10			.18		.02				T	T								
BANTRY	.29										.12	T	.05	.05			.07															
BEACH	.17							T				.01	T	.08		T	.05	.01							T		.02					
BELCOURT INDIAN RES	.24											.05	.04	.11			.02		T				.01	.01								
BELFIELD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BERTHOLD	.09											.01	.03			.02		T					.01	.02	T	T	T		T			
BEULAH	T												T			T																
BISBEE	.67							.01				.08	.15	.08			.32							.03								
BISMARCK WB AP R//	.18	T					T	T					T	T	T	T	.16	T			T	T	T	.01		.01		T				
BISMARCK 12 ENE	.03																.03	T										T				
BOTTINEAU	.19				T				T			.05	T	.05	.01		.06	.01	.01								T					
BOWBELLS	.13											.01					.07										.05		T			
BOWMAN COURT HOUSE	.07													.05	T		.02															
BOWMAN 11 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BOWMAN 30 NNW	.06															.06						T					T					
BURT 16 N	.12															.06								.06								
BUTTE	.05												T	.01			.03				T							.01		T		
CARRINGTON	.23							T						T	T		.15	.08							T							
CARSON NO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CAVALIER	.48					.01		T				.10	T	.15	T		.20	.02														
CENTER	.19																T				T		.19	T								
COLGATE	.49											.01		.23			.24									.01						
COLUMBUS	.05										.02							.03									T					
COOPERSTOWN	.28											T	T	.09			.19	T		T				T			T					
COURTENAY	.41						T				T			.18			.23			T												
CROSBY	.08		T					.01			.01	T	T	T	T	T	.03	T		T			T			.01	T		.02			
DEVILS LAKE WB CITY R//	.54				T	T		.01	T		T	T	.18	.18		T	.15	T	T	T	T	T		.01		.01		T	T			
DICKINSON CAA AP R//	.16							T					.02		.01	.03	.04	T			T	.03	.02	T		.01	T					
DICKINSON EXP STATION	.12							T					.01	T	T	.01	.05	T				T	.03	.01			.01					
DONNYBROOK	.11	.08	.02								.01	T													T							
DRAKE	.20											T		.06	T		.05	.06	T		T									.03		
DUNN CENTER 2 SW	.11													.02	T	T	.03	.02		T		T	T				.04					
ECKMAN 2 SE	.13											.04	T	.03				.06	T					T								
EDGELEY EXP FARM	.17	.01															.14	.02			T						T					
EDMORE 1 W	.25											.05		.10			.10															
ELGIN 5 S	.11							T					T	T	T	T	.11				T	T	T	T		T	T					
ELLENDALE	.35	T						T				.12				T	.22	.01		T	T			T		T	T					
ENDERLIN	.26											T		.06				.20									T					
EPPING	.28							.03			.02					T	.05	.05	T		T	T	.02			.03	T		.08			
FAIRFIELD	.05							T					.02	T	T	.03		T				T	T			T						
FARGO WB AP R//	.18	T						T		T		T	T	.03			.13	T	T	T				T		.02	T		T	T		
FESSENDEN	.20											T	T	.06			.12			T							T			.02		
FLASHER	.05																.05															
FLAXTON	.14			T				T	T	T	T	.02	.05	T		T	.05	T			T	T	.02	T	T	T	T					
FORBES 13 NW	.17													T		T	.17			T				T								
FORMAN	.18											T					.18				T						T					
FORT YATES	.08															.02	.06						T									
FOXHOLM 7 N	.02											T						.02		T		T				T	T		T			
FULLERTON	.53	T										.11				T	.40			T						.02						
GACKLE	.09												T			T				T				.09			T					
GARRISON	.09													.02		T	.06	T	T					T		T	.01		T			
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GOLDEN VALLEY 10 S	.09						T						.05	T			.04	T					T									
GRAFTON	.59					T						.05		.23			.31															
GRAND FORKS CAA AP R	.53							T		T		.11	T	.16			.26	T	T					T		T	T					
GRAND FORKS UNIVERSITY	.41					T				T		.04		.10			.24	.03	T								T					
GRAND RAPIDS 1 N	.33											T		T			.28										.05					
GRANVILLE	.07											T	T	T			.07	T						T		T			T			
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GRENORA	.36							.02									.02									T			.32			
HAGUE	.16										T	T		T		.02	.09	T					.01	.04								
HALLIDAY	.08														T	.08			T				T			T						
HANKINSON R R STATION	.15																.10	.05									T					
HANNAH	.41						T	.02			T	.01	.06	.17			.04						.11	T								
HANSBORO	.27						T					.01	.02	.12			.09		.02				.01	T								
HARVEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HETTINGER	.11													.02		.03	.04						.02									
HILLSBORO	.34					T		T			T	.10	T	.05			.19	T		T				T			T			T		
JAMESTOWN CAA AP R//	.38	T					T				T	T	.02	.01		T	.31	T	T	T	T			T		.04	T	T	T			
JAMESTOWN STATE HOSP	.23	T										T		T		T	.18			T	T					T	.05					
KEENE 2 S	.09												T			T	.03	T								.02	.03	.01				
KENMARE	.09													.05			.04				T		T	T								
KENSAL WILDLIFE REFUGE	.19										T		T	.05			.11			.02				T		.01						
KILLDEER 8 NW	.10												T			T	.06						T			.04						
KULM	.30	T											T	.16	.04		.10															
LANGDON EXP FARM	.57			T				.02			T	.03		.25	.02		.17		.02				.01	.05	T							
LANSFORD	.39						T					.13	.08	.04		.02	.09	T			.02			.01		T						
LARIMORE	.33													.12			.21															
LEEDS	.60							.01			T	.01	.21	.22			.15							T			T					
LEFOR 10 E	.09											T			T	.04						.02	.03	T								
LINTON	.21						T									.03	.18							T	T							
LISBON	.26	T										.04		.03			.14	.02									.03					
LITCHVILLE	.20													.04			.11	.01									.04					
LOSTWOOD 12 N	.06												.02	.01		T	.01	T				T	T	T		.01	T		.01			
MADDOCK AGR SCHOOL	.37											T	.04	.18			.15		T	T							T					
MANDAN EXP STATION	.05													T			.05	T			T	T		T			T	T				
MANDAN FT LINCOLN PARK	.13												T			.02	.08						T	.02		.01						
MARMARTH	.11											T	T			.05	.06	T														
MARTIN	.01					T								T					.01													
MAX	.36													.19			.14	T		T	T			.03			T			T		
MAYVILLE	.36											.08		.09			.18	T						T	T		.01					
MC CLUSKY	.20													.09		.01	.08									.02						
MC HENRY 5 N	.27							T				T	T	.13			.12	T									.02					
MC LEOD 3 E	.20													T			.17	T											.03			
MC VILLE	.33					T						T		.15	T		.18	T	T	T							T					
MEDINA 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEDORA 3 NNE	.08												T	.05	T	.01	.02									T	T					
MEDORA 23 NNW	.07							T						T		T	.05									.02						
MINOT CAA AP	.18	T	T					T			.01	T	T	T	T	.02	.09	.02	T	T	.01	T	.01	T	T	.01	T		.01	T		
MINOT EXP STATION	.05											T		T		T	.03		T		T	T	T	T			.01			.01		
MOFFIT 4 SE	.06	T														T	.05	T						T		.01	T	T				
MOHALL	.09											.04	.02				.03	T		T												
MONTPELIER	.30	T					T							.02		T	.27	T		T					T	T	.01	T		T		
MOTT	.10												.08			.02						T	T									
MUNICH 4 SW	.23							T			T	T	.03	.05			.08	T			T		.03	.04								
NAPOLEON	.13																.12							T		.01						
NEW ENGLAND	.09												T		T	T	.04						.05				T					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
FEBRUARY 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ROCKFORD 7 WNW	.11						T			T		T	.03	T			.08	T		T			T	T			T					
NEW SALEM 1 S	.21						T	T					T	T	T	.08	.06	T				T	.05	T		.02						
NEWTOWN	.07															T	.05					T	T		T	T			.02			
NOONAN	.13											T					.13					T							T			
NORTONVILLE	.20																.20															
OAKES	.45	.02							T			.08	T	.03		T	.20	.08			.01						.03					
PARK RIVER	.40											.02		.20			.18	T														
PARSHALL	.11										T	T	T			.01	.04						.02	T	T	.02			.02			
PEMBINA 2 N	.39							.03				.03		.15			.09	.09														
PETERSBURG	.56							T						.25			.21							.10								
PETTIBONE	.20											.05				.15																
PINGREE	.18											T		.02			.12			T				.04			T					
PORTAL	.04											.04					T	T				T	T	T								
POWERS LAKE 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRETTY ROCK	.05	T	T					T						T		.02	.01		T		.02	T	T	T								
RAUB 10 SSW	T														T	T																
REEDER	.22	T											.08				.12					T		.02								
REEDER 14 N	.03													.03			T						T	T								
RICHARDTON ABBEY	.17							T					.03	T	T	.04	.05	T				T	.02	.01		.02	T					
RIVERDALE	.09												T	T	T	T	.08	T	T	T			T	T	T		.01	T	T	T		
ROLLA	.52						T	.03				.04	.14	.10			.15	T	T				.06	T								
RUGBY	.43					T						.21	.02	.07	T		.12		.01					T								
RYDER	.23								T							.18	T						.05					T				
SAN HAVEN	.32							T				.13	.06	.03			.08		.02													
SCRANTON	.09											T	T	.05		T	.04					T	T				T					
SELFRIDGE 11 W	.46															.15	.15					T	.08			.08						
SENTINEL BUTTE 20 S	T											T			T												T					
SHARON	.40												T				.40															
SHERWOOD 3 N	.29						T					.13	.08				.08	T			T	T	T	T	T	T						
SHIELDS	.07													T		.07							T									
STANLEY	.14											T		T		T		.08					T			.06			T			
STEELE	.16	T												.06		T	.10									T	T	T				
SYKESTON	.20							T						.08			.12	T					T	T		T				T		
TAGUS	.10											T	T	.03		T	.04	T					T	T	T	.03						
TIOGA 1 E	.28							T				.05		.02			T	T	T			T	T	.01	T		.10			.10		
TOLLEY 4 NE	.21											.04	.15	T			.02	T														
TOWNER	.27												.06	.11			.10															
TROTTERS 6 SE	.09							T					T	.02	T	.04	T	.01								.02						
TURTLE LAKE	.25								T					.10		T	.13	T	T					T		T	.02					
TUTTLE	.12												T	.05		T	.04						T	T				.03				
UNDERWOOD	.15													.03			.07						.05					T				
UPHAM 3 N	.38						T					.20	T	.10			.08	T	T					T								
VALLEY CITY	.33											.01	.06				.20									.06						
VELVA	.11						T						T	T			.09	T			T	T		.01		T			.01			
VERONA	.30																.28			T				.02		T						
WAHPETON STATE SCHOOL	.29	T										.04		.03			.15	.03	T								.04					
WALHALLA	.93											T		.59			.34															
WARWICK	.41													.41						T												
WASHBURN	.15												T	.06		T	.03							.06		T	T					
WATAUGA S DAK 8 N	.62												.02			.10	.20					.10	.10	.10								
WATFORD CITY	.10																	.05								.05						
WATFORD CITY 14 S	.09							T						T	T	T	.05	T					T			.04	T					
WESTHOPE	.26												.07	.10			.09	T					T									
WILDROSE	.12																		T			*	.12									
WILLISTON WB CITY R//	.10						T	T			T	T	T	T	T	.06	T	T	T		T			T	T	.03		T	.01			
WILLOW CITY	.28			T				T				.07	.09	T			.12	T						T		T						
WILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WISHEK	.12																.12															
WOODWORTH 5 E	.25								T				T				.08			T	T		.10			.07	T					
ZAHL	.18										T				.04			T				T		.04					.10			

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
FEBRUARY 1956

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	10	24	30	37	41	38	32	31	37	36	33	31	34	8	6	4	24	16	24	7	5	12	27	25	8	17	22	38	42			24.1
	MIN	-11	2	2	18	22	18	22	12	20	16	19	13	5	-10	0	-19	-19	-9	-5	-12	-4	2	11	5	-5	-7	-7	3	19			3.5
AMENIA	MAX	5	10	22	32	31	30	37	31	33	33	32	23	27	4	0	19	10	5	5	0	-1	13	21	25	14	6	10	18	29			18.1
	MIN	-15	-17	-10	10	7	3	9	6	15	15	15	10	3	-11	-14	-4	-32	-16	-24	-20	-20	-15	5	13	-11	-6	-21	-17	-2			-5.0
AMIDON	MAX	2	10	22	28	35	37	33	33	32	36	35	34	42	10	12	8	10	24	29	32	31	16	19	42	30	36	15	31	44			26.5
	MIN	-17	-14	4	10	15	20	20	17	16	14	14	10	2	-9	-3	-21	-20	-4	4	2	-2	1	2	10	3	-5	-5	6	20			3.1
ARVILLA STATE PARK	MAX	9	10	30	28	29	33	31	29	36	34	30	18	24	0	-6	11	2	0	7	-3	-6	12	22	24	11	3	12	21	35			16.8
	MIN	-21	-12	-10	15	0	8	9	-2	13	10	16	0	-3	-13	-23	-11	-38	-18	-26	-29	-26	-22	0	9	-14	-15	-23	-20	-9			-8.8
ASHLEY	MAX	3	17	27	37	35	36	30	28	33	30	29	24	25	5	4	5	7	6	15	8	8	15	24	25	15	6	13	29	36			19.8
	MIN	-22	-13	-1	10	15	8	10	-1	13	4	14	-2	3	-15	-8	-6	-32	-10	-22	-7	-19	-6	8	10	-11	-10	-20	-9	-3			-4.2
BEACH	MAX	8	14	23	30	39	40	37	34	35	37	37	36	43	11	12	10	9	25	29	32	32	21	25	43	30	35	13	32	42			28.1
	MIN	-21	-12	5	14	11	22	22	25	21	16	16	16	1	-10	-2	-25	-25	-11	-7	-4	0	3	10	7	5	-5	-3	-3	11			2.7
BELCOURT INDIAN RES	MAX	-2	11	32	35	35	30	31	25	42	35	24	15	26	8	0	-1	-2	-1	7	4	-1	8	18	21	13	10	8	15	32			16.5
	MIN	-21	-10	-2	6	12	6	15	0	18	10	13	-22	-4	-10	-14	-15	-35	-16	-32	-21	-22	-7	4	5	-12	-15	-24	-12	-10			-7.4
BELFIELD	MAX																																
	MIN																																
BEULAH	MAX	-4	9	20	29	33	35	38	31	31	33	34	25	31	6	2	4	-10	21	6	5	3	6	14	26	15	13	3	13	30			17.3
	MIN	-27	-28	2	6	10	6	4	-1	2	6	8	5	6	-14	-14	-15	-28	-21	-14	-19	-19	-9	1	8	-12	-14	-20	-14	-15			-7.6
BISBEE	MAX	-2	7	24	23	22	23	30	24	30	30	27	17	23	-2	0	0	0	1	0	-1	-1	9	19	28	6	2	4	15	35			13.6
	MIN	-24	-11	-2	9	10	8	13	-1	7	8	16	-13	-2	-10	-12	-15	-31	-20	-22	-17	-19	-6	6	4	-12	-17	-21	-13	-2			-6.5
BISMARCK WB AP	MAX	6	21	28	35	39	35	32	32	36	34	34	33	31	7	7	3	10	10	6	4	7	15	27	20	13	7	16	22	40			21.0
	MIN	-24	-8	0	16	16	9	19	7	24	5	8	4	-4	-10	-2	-26	-28	-12	-12	-13	-13	1	14	0	-9	-14	-17	-12	0			-2.8
BOTTINEAU	MAX	-5	1	9	28	27	32	26	31	27	32	28	20	24	2	5	-1	-3	2	-6	3	5	3	10	22	13	2	4	7	19			12.7
	MIN	-27	-25	-10	6	6	6	10	-2	1	3	12	-12	-2	-15	-14	-5	-31	-20	-24	-15	-18	-9	3	2	-12	-17	-21	-19	-10			-8.9
BOWBELLS	MAX	12	22	32	30	29	31	32	32	33	32	31	28	26	5	3	1	19	14	5	2	2	13	26	26	10	9	17	32	37			20.4
	MIN	-13	-4	10	16	13	11	19	3	24	13	8	1	-6	-19	-9	-20	-23	-19	-20	-8	-10	-2	10	0	-14	-16	-18	-8	8			-2.5
BOWMAN COURT HOUSE	MAX	11	21	30	38	40	38	34	33	35	38	33	45	37	14	14	5	26	25	30	32	24	19	39	38	37	30	33	44	49			30.8
	MIN	-17	0	9	11	19	19	19	17	16	15	15	15	2	-9	-4	-21	-14	-4	1	5	-1	8	11	10	14	-1	0	11	19			5.7
BUTTE	MAX	2	10	20	30	33	32	33	32	30	35	30	25	30	3	5	6	-6			10	0		14	25	15		13	18	23			18.7
	MIN	-17	-13	0	15	20	15	18	-4	7	7	12	-2	3	-12	-11	-7	-21			-13	-13		-8	6	0		-15	-10	0			-1.7
CARRINGTON	MAX	4	3	13	29	32	34	32	30	28	35	31	26	28	9	2	4	3	10	2	6	1	3	10	31	14	12	5	16	20			16.3
	MIN	-16	-11	-3	12	14	15	14	6	6	12	11	-6	9	-12	-12	-5	-23	-15	-18	-21	-21	-19	3	9	-11	-11	-15	-13	-2			-4.2
CARSON NO 2	MAX																																
	MIN																																
CAVALIER	MAX	8	12	32	32	25	34	33	25	39	35	29	12	22	2	0	8	4	0	-1	-2	-2	11	20	24	16	8	14	23	27			16.9
	MIN	-24	-4	-8	12	6	3	19	6	13	12	12	-9	-2	-8	-16	-15	-29	-13	-25	-19	-20	-15	8	10	-10	-13	-22	-17	-10			-6.1
CENTER	MAX	15	24	29	35	38	36	31	34	35	34	32	30	33	9	6	4	19	14	7	5		13	26	27	11	11	18	35	42			23.3
	MIN	-25	-3	9	15	18	10	21	0	16	18	14	6	0	-14		-18		-15	-16	-10		0	13	7	-12	-8	-20	-12	-8			-0.5
COOPERSTOWN	MAX	5	9	27	31	32	29	33	33	34	32	27	20	27	2	0	11	4	13	8	4	1	12	20	20	12	5	11	19	33			17.7
	MIN	-17	-12	-8	12	12	9	13	3	16	10	18	7	0	-16	-14	-5	-34	-10	-22	-21	-20	-11	7	9	-13	-11	-23	-13	2			-4.6
CROSBY	MAX	6	21	31	34	32	33	32	32	35	31	31	34	26	0	6	3	19	2	11	8	10	13	29	19	10	5	16	25	38			20.4
	MIN	-17	-3	7	18	14	10	21	10	19	11	9	4	-6	-16	-11	-23	-20	-18	-19	-12	-8	3	9	-1	-8	-15	-18	-8	3			-2.2
DEVILS LAKE WB CITY	MAX	3	7	27	25	27	27	29	26	32	27	28	22	25	-1	0	3	3	-1	1	1	2	11	24	24	7	2	7	18	37			15.3
	MIN	-17	-10	2	12	8	8	18	1	15	12	7	5	-6	-15	-14	-21	-26	-17	-21	-24	-23	-6	7	-2	-12	-15	-19	-10	4			-5.5
DICKINSON CAA AP	MAX	12	23	29	37	38	37	34	33	36	36	32	40	19	10	5	-5	22	20	30	19	13	13	36	25	32	13	30	40	47			26.1
	MIN	-15	5	12	19	23	18	23	21	20	15	13	14	-4	-7	-9	-19	-11	-6	0	-5	0	6	12	3	1	-6	-6	5	16			4.8
DICKINSON EXP STATION	MAX	4	14	25	30	40	40	40	34	35	37	37	31	42	11	11	6	5	25	21	34	19	15	17	39	24	32	10	29	42			25.8
	MIN	-25	-15	5	14	21	14	16	26	19	11	12	12	4	-8	-5	-17	-20	-11	-8	-9	-5	1	8	8	-5	-4	-8	-4	13			1.4
DRAKE	MAX	3	5	18	29	33	31	31	32	30	35	31	27	30	5	5	3	-2	11	2	4	3	0	12	24	16	10	8	16	23			16.4
	MIN	-20	-16	-7	10	18	12	11	2	3	11	11	-2	5	-15	-16	-5	-24	-17	-17	-12	-16	-17	-1	6	-13	-14	-16	-15	-8			-5.6
DUNN CENTER 2 SW	MAX	2	15	25	30	35	37	38	33	34	35	36	35	39	8	7	6	4	24	8	15	5	11	16	35	20	17	10	17	39			21.9
	MIN	-20	-12	5	12	20	15	20	12	20	15	15	12	1	-10	-8	-18	-20	-11	-13	-16	-12	-2	2	5	-5	-9	-19	-15	9			-0.9
ECKMAN 2 SE	MAX	3	10	18	31	31	25	31	32	30	34	31	15	28	4	1	2	-7	7	-1	4	1	2	12	24	13	10	5	15	21			14.9
	MIN	-23	-22	-11	15	12	4	6	-4	-2	10	7	-13	-11	-17	-21	-7	-31	-24	-20	-20	-21	-22	0	2	-16	-16	-24	-20	-9			-10.3
EDGELEY EXP FARM	MAX	4	9	16	33	33	42	34	34	28	36	32	32	29	15	8	8	10	10	11	7	3	1	15	26	17	13	8	15	28			19.2
	MIN	-16	-6	1		13	15	15	9	8	9	8	3	11	-11	-10	-8	-27	-11	-19	-12	-21	-19		12	-9	-8	-15	-6	1			-3.4
EDMORE 1 W	MAX	0	8	26	22	26	27	30	28	34	29	27	15	24		-1	4	0	0	3	8	5	8	17	24	8	8	5	13	34			15.4
	MIN	-26	-14	-7	3	2	2	12	-6	13	15	13	-15	0	-15	-23	-7	-32	-18	-31	-27	-31	-9	6	6	-17	-25	-30	-20	7			-9.4
ELLENDALE	MAX	12	19	27	38	32	36	36	32	36	35	33	28	28	10	6	12	3	14	10	4	3	20	27	27	16	12	15	28	35			21.9
	MIN	-12	-12	-5	15	9	12	15	12	9	13	15	11	6	-9	-8	1	-30	-15	-18	-10	-19	-9	8	13	-9	-3	-14	-8	-3			-1.6
ENDERLIN	MAX	5	9	8	22	35	30	32	35	30	32	27	33	27	20	7	10	9	0	6	6	1	3	6	16	21	12	8	18	23			16.9
	MIN	-17	-17	-5	-4	15	10	12	7	5	16	9	-6	0	-10	-13	-10	-28	-27	-20	-19	-20	-20	-2	5	-10	-13	-20	-15	-8			-7.1
FAIRFIELD	MAX	10	21	28	35	35	36	31	31	34	35	31	40	32	9	7	8	21	17	28	10	12	13	35	19	21	18	23	37	43			24.8
	MIN	-18	4	10	14	17	19	24	20	18	17	14	15	-5	-12	-8	-23	-13	-8	-4	-5	-4	-3	6	4	-1	-8	-8	2	18			2.8
FARGO WB AP	MAX	3	5	19	26	31	26	34	26	30	27	29	23	26	-1	5	18	0	2	1	-5	-6	19	27	27	3	2	7	17	31			15.6
	MIN	-8	-11	-3	12	13	7	14	5	19	10	16	13	-5	-17	-18	-3	-23	-14	-17	-23	-26	-16	12	-2	-13	-15	-19	-10	5			-4.0
FESSENDEN	MAX	6	17	20	33	34	32	32	30	35	33	28	28	28	5	3	3	8	6	-5	0	1	12	24	24	12	9	16	23	36			18.4
	MIN	-19	-8	5	16	13	6	20	2	20	7	18	-8	-1	-15	-11	-11	-28	-16	-21	-20	-23	-6	5	8	-15	-12	-20	-11	2			-4.2
FORMAN	MAX	4	15	20	35	29	29	34	36	28	31	33	31	24	10	5	18	6	8	9	5	2	10	24	23	16	14	9	21	41			19.7
	MIN	-8	-14	-8	4	15	5	10	12	14	12	19	9	6	-13	-9	3	-26	-14	-16	-13	-19	-12	6	13	-11	-7	-20	-11	1			-2.5
FORT YATES	MAX	10	21	34	39	45	38	33	34	38	35	34	32	30	10	8	8	14	15	20	19	11	14	32	31	19	18	17	37	39			25.3
	MIN	-27	-12		16	15	12	23	3	18	7	10	5	9	-10	-7	-7	-23	-8	-13	-14	-7	2	13	14	-6	-2	-10	-12	8			-0.1
FOXHOLM 7 N	MAX	12	21	32	34	32	35	33	33	36	34	31	30	33	5	5	3	18	18	4	3	4	14	27	28	18	12	19	29	40			22.2
	MIN	-12	-1	10	21	10	7	23	8	26	22	10	1	-3	-14	-6	-15	-28	-16	-15	-10	-14	-1	10	3	-11	-13	-22	-10	9			-1.1
FULLERTON	MAX	8	17	25	35	31	34	35	31	32	32	31	28	29	8	5	12	7	11	15	7	7	16	29	27	13	10	18	28	32			21.1
	MIN	-16	-8	-8	14	13	14	18	10	9	12	17	4	5	-10	-10	2	-28	-15	-21	-16	-21	-10	6	11	-10	-4		-9	-4			-2.0
GACKLE	MAX	5	16	26	34	37	32	30	32	32	31	26	28	20	10	4	8	6	8	14	8	11	16	25	23	18	12	12	25	39			20.3
	MIN	-19	-6	4	9	18	10	14	14	15	5	20	7	5	-15	-12	-8	-29	-14	-12	-10	-15	-6	0	0	-5	-16	-18	-5	10			-2.0

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	3	10	22	28	36	35	36	32	32	35	34	26	32	5	9	7	-6	18	8	8	5	8	15	28	18	13	6	14	28			18.8
	MIN	-17	-17	1	10	16	14	13	4	6	13	11	9	4	-14	-14	-10	-20	-16	-13	-7	-10	-8	1	6	-8	-11	-14	-11	-4			-3.0
GRAFTON	MAX	5	10	30	31	24	32	33	29	37	35	30	17	23	1	-3	8	4	1	-2	-3	-2	13	21	24	13	5	9	15	25			16.0
	MIN	-21	-10	-9	19	3	4	10	-3	13	14	16	-10	-1	-8	-20	-10	-31	-17	-35	-27	-20	-15	9	12	-9	-17	-25	-21	-10			-7.6
GRAND FORKS CAA AP	MAX	3	7	26	25	29	30	30	22	37	26	29	19	24	-2	-4	14	-2	-4	2	-3	-7	15	24	25	5	2	6	15	28			14.5
	MIN	-22	-15	-6	5	9	5	8	-5	14	9	14	-10	-10	-21	-24	-13	-31	-25	-28	-29	-30	-16	9	-6	-15	-19	-23	-20	-7			-10.4
GRAND FORKS UNIVERSITY	MAX	2	6	26	27	27	30	31	26	37	32	29	16	24	-1	-4	13	2	-2	1	-3	-6	16	23	24	6	4	2	13	28			14.6
	MIN	-20	-12	-8	12	5	5	10	-3	12	12	14	-7	-4	-12	-21	-10	-28	-15	-27	-28	-28	-22	10	6	-15	-15	-22	-20	-7			-8.2
GRAND RAPIDS 1 N	MAX	12	16	30	36	38	36	35	32	38	34	34	29	24	9	7	10	5	8	9	6	5	14	30	26	15	10	25	25	34			21.8
	MIN	-23	-13	-10	11	14	8	15	8	11	9	15	6	3	-10	-11	2	-38	-18	-14	-19	-26	-10	8	13	-14	-11	-27	-14	-6			-4.9
GRANVILLE	MAX	12	21	30	34	29	33	33	36	36	36	32	29	25	3	8	0	18	17	8	3	6	14	28	27	17	8	18	25	44			21.7
	MIN	-20	-5	-12	18	13	8	20	1	17	10	8	0	-7	-17	-5	-16	-27	-12	-18	-18	-18	-1	9	5	-12	-12	-20	-8	14			-3.6
GRENORA	MAX	6	20	35	33	36	34	32	33	37	34	33	38	36	5	7	7	22	16	12	12	12	15	37	33	13	6	15	28	39			23.7
	MIN	-21	-2	10	15	18	14	18	6	16	16	13	10	-6	-14	-2	-24	-16	-13	-12	-13	-7	-2	8	-3	-12	-18	-15	-5	11			-1.0
HANKINSON R R STATION	MAX	5	9	13	31	36	40	32	35	32	38	30	35	30	28	15	11	19	5	10	6	5	5	14	29	20			12	23			21.0
	MIN	-14	-8	-7	-5	10	12	12	15	13	15	13	6	10	-9	-10	-11	-17	-17	-13	-19	-21	-21	-8	6	-7	-8	-14	-16	-3			-4.0
HANNAH	MAX	-3	7	28	26												0	-3		-1	2	0	10	21	16	4	0	4	14	32			
	MIN	-23	-12	-7	8	3	2	15	-4	18	7	10	-14		-18	-22	-17	-33	-22	-31	-30	-29	-14	5	1	-19	-20	-26	-19	-10			-10.8
HANSBORO	MAX	0	13	34	29	29		29	23	35	35	25	12	22	-1	-1	1	-4	1		5	0	8	18	22	7	2	10	27	33			15.3
	MIN	-21	-9	1	12	11		13	2	14	12	12	-13	-4	-12	-16	-17	-31	-17		-25	-24	-8	5	5	-16	-15	-21	-12	-3			-6.6
HETTINGER	MAX	9	22	29	36	40	41	37	36	36	39	35	39	32	10	5	3	25	25	34	25	9	15	29	32	38	14	32	44	49			28.3
	MIN	-17	-2	8	13	21	23	24	18	19	14	19	17	2	-7	-5	-16	-14	-3	0	0	-4	5	11	13	2	-2	-2	8	22			5.8
HILLSBORO	MAX	5	10	24	30	31	33	35	31	35	32	31	27	23	2	-1	17	9	5	3	0	-3	15	23	24	12	8	6	17	29			17.7
	MIN	-19	-19	-10	9	6	1	8	2	12	14	13	8	2	-13	-17	-7	-31	-15	-23	-22	-23	-17	2	12	-11	-14	-21	-18	-6			-6.8
JAMESTOWN CAA AP	MAX	5	13	25	31	35	32	31	27	34	31	28	25	28	8	9	7	9	2	6	5	2	11	26	24	11	5	11	23	36			18.4
	MIN	-13	-4	-3	16	17	13	18	7	23	11	8	-3	-6	-10	-7	-22	-32	-19	-22	-22	-25	-7	8	2	-10	-13	-16	-8	-1			-4.1
JAMESTOWN STATE HOSP	MAX	7	14	28	33	36	32	32	30	35	33	32	26	29	5	4	8	11	8	5	0	3	12	27	27	11	9	12	25	37			19.7
	MIN	-13	-8	-2	16	19	13	16	5	15	11	23	0	1	-10	-8	-5	-32	-10	-21	-18	-20	-8	8	10	-9	-6	-18	-11	-1			-2.2
KENMARE	MAX	4	13	21	32	32	30	34	30	32	34	35	23	33	2	4	5	-5	19	0	7	2	5	16	28	12	12	3	18	30			17.6
	MIN	-16	-9	0	18	15	17	20	10	11	18	17	3	1	-15	-15	-15	-21	-15	-18	-7	-9	-7	1	4	-11	-14	-20	-20	5			-2.5
KENSAL WILDLIFE REFUGE	MAX	6	15	28	34	36	35	32	31	36	34	29	26	29	7	7	5	9	7	11	7	7	13	25	25	15	10	17	20	37			20.4
	MIN	-18	-4	2	18	17	14	18	7	16	7	8	-2	0	-10	-9	-5	-31	-9	-20	-24	-23	-5	8	10	-13	-10	-18	-11	2			-2.9
LANGDON EXP FARM	MAX	-3	8	23	29	28	26	30	23	32	27	24	13	20	2	0	3	-1	-2	-2	6	2	6	16	21	8	0	4	11	28			13.2
	MIN	-25	-17	-8	-7	7	0	7	-5	10	9	13	-13	-5	-18	-24	-18	-34	-18	-28	-22	-27	-16	4	4	-20	-24	-27	-19	-7			-11.3
LARIMORE	MAX	-2	10	28	28	32	31	33	29	35	32	29	17	24	8	-3	13	0	-1	10	2	-1	12	20	25	9	4	10	18	28			16.6
	MIN	-10	-8	-6	15	-4	11	12	2	15	14	15	5	-2	-11	-17	-9	-30	-10	-22	-20	-19	-12	8	8	-14	-15	-21	-13	-2			-4.8
LEEDS	MAX	3	8	28	28	25	36	31	29	33	28	29	21	20	2	2	0	6	0	4	4	0	10	22	22	10	4	12	22	37			16.4
	MIN	-20	-13	2	15	13	8	17	-1	17	4	15	-7	-5	-17	-15	-15	-36	-19	-22	-29	-29	-8	4	3	-22	-18	-22	-20	-6			-7.8
LINTON	MAX	0	18	28	37	40	35	32	30	37	33	33	27	27	12	7	5	8	10	17	11	11	15	30	27	18	12	12	32	38			22.1
	MIN	-26	-25	-12	-1	13	4	5	0	12	0	22	3	4	-13	-5	-7	-32	-18	-15	-13	-13	0	14	12	-12	-6	-16	-16	1			-4.8
LISBON	MAX	10	12	15	41	35	30	33	33	27	27	31	30	25	8	7	17	12	1	5	4	3	15	20	25	17	8	8	20	35			19.1
	MIN	-20	-15	-9	10	13	4	11	4	16	9	17	-1	8	-11	-15	0	-37	-15	-25	-20	-27	-14	5	13	-12	-14	-23	-15	-2			-5.7
LOSTWOOD 12 N	MAX	6	18	28	30	30	32	30	29	33	37	30	31	30	3	4	1	15	10	8	2	6	11	25	24	14	6	14	27	35			19.6
	MIN	-16	-4	8	14	16	13	21	5	21	13	10	1	-7	-16	-11	-21	-22	-19	-17	-6	-9	-1	9	-1	-16	-15	-21	-7	7			-2.4
MADDOCK AGR SCHOOL	MAX	3	8	25	29	28	27	31	30	33	31	28	23	28	0	1	0	8	4	0	-2	-1	9	24	23	10	7	7	21	36			16.2
	MIN	-19	-12	1	14	16	9	18	1	19	4	18	-7	-3	-16	-10	-10	-33	-17	-20	-21	-22	-6	6	5	-17	-15	-20	-11	4			-5.0
MANDAN EXP STATION	MAX	-2	12	22	29	37	40	36	31	32	36	35	28	32	8	6	5	-5	13	9	12	3	5	18	28	17	13	4	15	27			18.8
	MIN	-20	-17	5	14	21	16	18	5	9	10	15	6	8	-11	-8	-9	-28	-19	-11	-11	-12	-8	5	10	-6	-5	-15	-6	0			-1.5
MANDAN FT LINCOLN PARK	MAX	6	24	32	38	44	36	33	34	44	34	35	30	34	8	7	3	12	13	12	8	10	15	28	27	26	14	15	30	39			23.8
	MIN	-23	-5	5	15	19	15	22	6	15	12	17	4	4	-14	-5	-11	-29	-14	-13	-13	-15	-1	11	15	-9	-7	-18	-10	-1			-1.0
MARMARTH	MAX						40	42	33	39	40	35	45	41	18	16		28	26	32	28			46	37	39		36	45	53			36.0
	MIN	-20							23	18	8	8	17	10	-6	0	-18	-7	-8	-4	4				17			2	11	19			
MAX	MAX	4	9	21	25	36	36	32	31	33	37	33	25	32	4	7	6	-6	15	5	10	5	6	14	26	15	13	5	17	25			18.0
	MIN	-20	-18	0	14	13	6	7	1	4	7	8	5	0	-16	-15	-10	-21	-15	-15	-10	-9	-7	2	4	-10	-14	-18	-13	-5			-5.0
MAYVILLE	MAX	5	9	18	27	32	29	34	28	36	32	29	18	27	3	-5	14	3	-2	6	-2	-2	13	22	24	12	3	11	18	28			16.2
	MIN	-15	-10	3	13	13	10	14	1	18	13	15	0	3	-11	-20	-7	-32	-12	-26	-27	-28	-18	6	5	-15	-15	-20	-20	-9			-5.9
MC CLUSKY	MAX	3	18	29	34	36	33	31	31	34	32	25	33	28	8	6	4	11	10	10	5	5	12	24	25	15	11	12	24	36			20.2
	MIN	-18	-14	4	12	16	10	20	0	18	8	15	15	-3	-15	-5	-21	-25	-14	-14	-8	-13	-2	9	6	-9	-10	-17	-10	9			-1.9
MC HENRY 5 N	MAX	5	9	25	27	32	30	31	28	33	30	26	19	26	1	-1	5	1	-1	5	0	0	8	20	24	8	2	12	20	37			15.9
	MIN	-20	-11	-2	12	12	9	13	0	13	7	18	2	-2	-16	-17	-7	-30	-16	-19	-21	-21	-10	4	7	-13	-15	-19	-12	0			-5.3
MC LEOD 3 E	MAX	1	13	18	41	33	32	33	31	30	31	35	29	26	10	4	16	14	2	10	2	5	15	22	25	14	10	5	10	32			18.9
	MIN	-13	-5	-7	1	12	5	11	8	14	10	13	-2	5	-14	-15	1	-28	-18	-22	-18	-25	-15	1	12	-14	-14	-22	-18	-3			-5.5
MC VILLE	MAX	5	9	26	27	34	31	30	28	34	31	27	17	26	-1	-2	9	2	-3	4	3	0	8	19	24	9	3	8	19	26			15.6
	MIN	-17	-11	0	11	9	8	15	0	15	12	15	7	-3	-14	-20	-7	-32	-17	-23	-20	-22	-12	5	5	-15	-16	-25	-18	2			-5.8
MEDORA 3 NNE	MAX	18	26	34	42	43	41	37	38	39	40	37	45	40	13	15	9	27	27	34	29	19	22	41	37	37	30	33	45	52			32.8
	MIN	-31	2	-5	8	11	6	24	26	21	7	18	12	4	-9	5	-21	-22	-14	-13	-12	3	10	12	7	-1	-2	-11	-2	12			1.6
MINOT CAA AP	MAX	10	19	30	32	31	34	30	33	35	34	30	31	29	4	5	-2	17	2	5	1	3	14	27	17	14	5	18	25	40			19.8
	MIN	-12	0	12	20	18	13	11	7	21	18	3	2	-5	-13	-4	-17	-19	-15	-13	-13	-13	-1	11	2	-8	-12	-15	-3	14			-0.4
MINOT EXP STATION	MAX	2	9	19	29	31	32	33	31	31	34	32	25	30	3	14	5	-8	18	2	4	-1	4	14	26	14	14	5	16	28			17.1
	MIN	-15	-13	-1	17	14	9	10	5	6	13	16	2	1	-14	-15	-12	-19	-16	-16	-14	-13	-8	0	3	-11	-12	-16	-13	1			-3.8
MOFFIT 4 SE	MAX	0	23	30	39	36	40	31	31	36	34	30	29	30	5	6	5	6	11	6	4	8	15	27	26	16	14	16	26	37			21.3
	MIN	-23	-12	2	9	19	5	13	-1	14	3	20	1	4	-17	-9	-9	-29	-15	-11	-15	-16	-3	12	9	-11	-10	-20	-16	-2			-3.7
MOHALL	MAX	13	20	32	33	30	30	33	32	35	35	30	27	25	4	2	0	18	16	13	10	0	12	29	25	13	17	16	26	40			21.2
	MIN	-15	-4	9	19	8	10	23	5	21	15	10	-3	-4	-17	-12	-16	-27	-18	-9	-17	-19	-3	8	1	-10	-14	-15	-2	5			-2.4
MOTT	MAX	14	27	30	40	41	41	35	35	37	39	35	39	32	12	7	2	27	18	34	24	10	12	28	27	33	29	32	45	50			28.8
	MIN	-27	-3	1	10	15	9	20	23	20	8	21	14	8	-9	-2	-14	-20	-11	-9	-10	-4	5	10	12	-6	-2	-10	-6	14			2.0
MUNICH 4 SW	MAX	0	3	24	24	24	25	29	22	30	23	21	11		-6	6	0	-5	-2	-2	-2	-3	7	16	22	6	1	1	10	31			11.3
	MIN	-31	-12	-11	0	11	-3	0	-11	9	4	11	-21	-10	-18	-23	-17	-40	-25	-34	-32	-30	-17	1	-2	-23	-25	-32	-23	-11			-14.3

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	3	20	30	39	40	30	30	28	35	31	29	29	26	6	5	4	5	6	16	8	10	15	25	25	15	10	16	18	37			20.4
	MIN	-21	-12	-1	9	17	3	15	-1	14	15	19	7	0	-17	-9	-7	-24	-16	-17	-11	-20	-6	11	8	-12	-10	-20	-10	-1			-3.3
NEW ENGLAND	MAX	12	23	29	37	39	39	34	35	36	38	35	43	35	11	8	3	25	24	33	28	13	14	35	32	34	26	31	33	50			28.8
	MIN	-22	1	8	15	11	13	22	25	19	10	18	12	4	-9	0	-17	-8	-8	-5	-4	-1	7	11	10	0	-1	-5	5	15			4.3
NEW SALEM 1 S	MAX	7	23	30	35	39	36	32	31	36	33	30	32	32	5	7	4	21	12	13	5	5	12	30	27	15	10	17	34	40			22.5
	MIN	-16	1	9	15	23	16	17	8	22	16	14	7	1	-10	-12	-20	-19	-10	-8	-13	-10	2	11	8	-4	-10	-9	-1	15			1.5
NEWTOWN	MAX	10	23	29	31	33	36	32	34	35	35	33	35	33	5	7	5	22	19	9	7	9	12	32	30	15	13	17	29	44			23.2
	MIN	-21	-2	8	17	11	11	23	9	22	10	19	10	-2	-15	0	-17	-19	-12	-11	-8	-7	2	11	4	-9	-12	-16	-5	1			0.1
OAKES	MAX	5	8	13	23	34	28	34	35	30	32	25	32	27	17	6	9	12	-1	8	8	4	2	17	29	19	11	7	12	22			17.5
	MIN	-26	-20	-13	-8	12	5	3	9	11	11	11	6	14	-11	-11	-7	-32	-30	-20	-12	-22	-21	-1	15	-7	-6	-23	-16	-12			-6.9
PARK RIVER	MAX	5	12	29	29	25	32	33	27	37	35	29	18	22	4	-1	9	3	-2	7	3	2	14	19	24	12	8	9	17	34			17.1
	MIN	-11	-5	-2	12	10	7	16	2	13	15	18	-10	1	-10	-16	-12	-25	-14	-20	-19	-17	-14	5	10	-13	-14	-17	-8	-2			-4.1
PARSHALL	MAX	6	21	28	32	33	36	31	33	34	34	34	34	34	7	7	7	19	12	14	10	8	12	30	24	19	11	15	30	40			22.6
	MIN	-27	-7	1	16	11	6	19	5	23	7	16	10	-2	-18	-1	-18	-19	-15	-16	-14	-9	1	11	3	-14	-14	-20	-14	5			-2.6
PEMBINA 2 N	MAX	-8	10	16	21	23	28	30	28	40	41		25	24		-1	14	8	-6	-6	-6	-6	12	24	24	12	5	5		24			14.7
	MIN	-18	-14		12	9	-10	20	-6		8	9	2	2	-10	-27	-23	-36	-13	-33	-33	-32	-26	9	10	-12	-24	-30	-27	-7			-11.1
PETERSBURG	MAX	3	6	25	25	28	28	29	27	32	28	27	15	22	-1	-1	7	0	-4	7	5	3	7	16	23	7	5	6	14	31			14.5
	MIN	-20	-13	-5	8	9	5	11	-2	12	9	14	4	-2	-15	-19	-10	-28	-16	-22	-18	-19	-12	6	5	-18	-20	-24	-16	-2			-6.8
PETTIBONE	MAX	-3	10	23	32	35	29	29	29	32	32	27	28		2	2	2	2	4	7	6	0	11	22	22	11	9	12	20	35			16.8
	MIN	-19	-16	-6	5	11	7	9	0	15	4	17	0		-7	-6	-8	-28	-19	-18	-14	-14	-7	6	7	-13	-8	-22	-16	-1			-5.0
PORTAL	MAX	-10	0	21	28	30	25	35	27	30	32	31	21	20	0	3	5	3	6	4	7	3	5	15	28	16	14	0	16	28			15.3
	MIN	-20	-13	-5	14	15	10	15	6	16	13	14	5	-5	-23	-21	-22	-22	-23	-20	-20	-9	-6	1	0	-10	-20	-19	-9	-4			-5.6
POWERS LAKE 1 N	MAX	8	21	30	30	31	34	29	30	34	30	28	33	31	4	4	-2	17	2	7	0	6	10			19	7	13	27	37			19.3
	MIN	-21	-6	3	10	9	4	20	-5	19	7	4	2	-7	-24	-10	-23	-24	-22	-19	-10	-8	0			-16	-17	-25	-13	0			-6.4
RAUB 10 SSW	MAX	15	25	30	35	36	40	31	33	36	35	29	35	35	4	8	8	22	8	11	11	7	13	30	28	16	10	20	32	45			23.7
	MIN	-16	0	12	18	20	12	15	11	23	16	18	13	-1	-12	0	-16	-10	-11	-9		-6				-10	-3	-15					2.1
RICHARDTON ABBEY	MAX	13	24	29	37	39	38	34	34	36	36	34	37	36	9	7	3	24	19	25	14	11	10	29	29	23	19	21	40	46			26.1
	MIN	-15	3	11	16	19	19	21	20	22	17	21	14	3	-9	-1	-16	-15	-6	-2	-7	-2	3	9	8	0	-5	-6	4	20			5.0
RIVERDALE	MAX	0	10	21	27	35	34	35	31	32	34	33	26	33	5	1	5	-8	18	7	11	3	5	15	27	16	12	8	13	28			17.8
	MIN	-18	-16	3	8	18	18	16	10	11	13	11	10	5	-10	-11	-9	-21	-12	-10	-12	-11	-7	1	7	-6	-7	-11	-6	-2			-1.3
ROLLA	MAX	-2	10	29	33	28	27	31	23	38	36	26	14	25	4	-1	2	0	1	4	3	-2	9	18	22	7	9	10	16	32			15.6
	MIN	-16	-5	0	11	15	10	17	5	20	10	11	-15	-5	-11	-12	-19	-26	-15	-25	-16	-20	-6	5	5	-12	-14	-14	-7	-3			-4.6
RUGBY	MAX	6	10	29	31	29	27	32	30	34	32	29	24	29	3	-1	0	6	8	6	4	2	12	23	22	12	6	10	18	37			17.6
	MIN	-20	-8	3	11	15	6	20	-1	21	6	17	-10	0	-15	-10	-10	-27	-18	-22	-15	-20	-5	7	2	-12	-14	-22	-10	8			-4.2
SAN HAVEN	MAX	-1	6	29	37	35	30	32	27	40	34	26	15	23	6	1	-1	-1	-1	3	6	1	8	18	20	12	9	6	13	34			16.1
	MIN	-18	-6	0	13	18	12	19	1	19	11	15	-10	-2	-12	-6	-14	-27	-15	-16	-8	-10	-3	5	4	-8	-14	-16	-10	4			-2.6
SHARON	MAX	3	7	24	31	30	26	32	28	32	31	26	16	25	5	1	10	1	-3	10	8	6	11	18	24	7	2	6	17	32			16.1
	MIN	-15	-10	-5	10	8	9	15	7	11	11	15	9	-3	-13	-16	-8	-29	-14	-19	-16	-16	-11	5	7	-17	-14	-23	-14	3			-4.6
STANLEY	MAX	5	19	19	30	30	33	30	31	33	32	32	33	31	3	6	0	15	15	1	5	1	10	16	16	15	4	5	19	38			18.2
	MIN	-18	-4	6	14	11	12	11	3	20	8	5	5	-16	-18	-6	-22	-24	-17	-16	-8	-10	-6	8	9	-14	-15	-21	-6	5			-3.6
STEELE	MAX	1	20	28	35	41	35	31	30	35	32	29	28	27	5	7	5	6	10	14	9	9	15	25	25	16	14	15	25	36			21.0
	MIN	-23	-12	-3	10	15	7	13	0	12	4	16	9	0	-17	-9	-10	-29	-15	-18	-17	-16	-6	7	6	-12	-8	-19	-10	5			-4.1
TIOGA 1 E	MAX	-1	7	20	30	30	30	32	27	31	34	31	21	34	0	4	6	-4	17	9	9	5	8	14	29	14	11	2	16	24			16.9
	MIN	-22	-19	-5	11	10	10	12	5	4	11	12	7	-5	-18	-16	-22	-23	-16	-16	-10	-7	-5	-3	-2	-12	-17	-21	-17	-4			-6.1
TOWNER	MAX	1	8	14	29	27	23	33	37	33	33	29	27	30	1	5	-2	8	10	9	4	3	12	24	14	11		12	22	40			17.8
	MIN	-22	-11	-9	10	11	5	8	-5	21	5	13	-11	-1	-20	-12	-15	-28	-21	-19	-18	-19	-15	5	3	-18	-18	-21	-18	8			-7.3
TURTLE LAKE	MAX	4	18	28	37	35	33	32	31	35	33	29	28	32	10	6	5	11	12	12	8	8	14	25	25		12	13	26	38			21.4
	MIN	-20	-4	4	13	18	8	21	0	18	10	15	5	-3	-16	-9	-13	-23	-17	-14	-12	-12	-11	-10	-11	-10	-14	-22	-12	10			-3.8
UNDERWOOD	MAX	-3	10	20	28	35	35	37	32	32	36	33	30	20	6	7	5	-4	18	14	5	7	8	26	17	14	5	15	29				18.5
	MIN	-17	-16	1	9	16	15	16	6	7	11	12	11	3	-16	-15	-10	-23	-14	-12	-11	-12	-9	0	-9	-10	-10						-3.0
UPHAM 3 N	MAX	8	16	32	32	31	29	35	31	36	31	31	25	24	3	4	0	7	6	5	7	7	14	26	27	23	11	8	22	41			19.7
	MIN	-24	-11	0	12	5	15	13		22	4	15	-15	0	-17	-10	-11	-33	-20	-22	-19	-20	-2	9	3		-11	-25	-14	7			4.3
VALLEY CITY	MAX	5	9	28	36	34	36	34	32	35	35	30	28	19	5	2	13	4	4	4	0	5	13	22	27	15	10	11	23	33			19.0
	MIN	-17	-8	-4	18	13	13	18	8	18	15	20	-2	4	-9	-16	-3		-11	-23	-21	-22	-10	7	15	-8	-6	-21	-12	0			-1.6
VELVA	MAX	10	20	29	35	33	35	33	34	37	33	31	39	32	5	6	4	15	15	6	2	2	14	25	25	14	14	12	26	40			21.6
	MIN	-19	-3	10	20	14	12	25	-1	26	8	15	-6	1	-12	-4	-10	-27	-15	-21	-14	-15	-1	11	6	-14	-11	-22	-11	7			-1.8
WAHPETON STATE SCHOOL	MAX	10	14	23	36	34	33	34	34	35	28	30	29	27	9	10	19	17	14	10	10	8	19	23	29	16	15	8	21	32			21.6
	MIN	-8	-16	-7	9	11	6	12	3	11	9	12	1	9	-12	-16	7	-24	-15	-21	-22	-26	-17	7	15	-13	-14	-22	-11	3			-4.4
WASHBURN	MAX	10	23	30	38	38	38	32	34	35	33	32	30	33	9	6	4	13	18	9	7	7			28	15	11	16	26	45			23.0
	MIN	-21	0	7	17	20	12	23	7	24	11	20	11	2	-15	-2	-11	-21	-11	-8	-11	-10		-9	8	-7	-9	-14	-10	5			0.3
WATFORD CITY	MAX	13	24	33	36	35	38	32	35	36	35	31	40	34	10	9	7	24	21	18	14	11	22	35	21	22	13	22	37	46			26.0
	MIN	-16	1	9	16	18	16	24	20	22	15	20	14	-3	-10	0	-21	-16	-9	-10	-8	-2	6	10	3	-6	-11	-12	-2	12			2.8
WATFORD CITY 14 S	MAX	19	26	33	39	39	42	39	38	39	38	44	47	40	11	10	8	26	27	30	20	15	16	38	36	20	16	25	41	52			30.1
	MIN	-25	5	10	18	18	9	23	21	26	12	22	12	0	-9	3	-20	-17	-12	-10	-4	0	7	12	6	-7	-9	-15	-5	11			2.8
WESTHOPE	MAX	6	11	30	30	26	26	32	31	34	30	30	26	26	2	2	-2	0	-1	6	2	1	12	22	21	10	5	6	17	38			16.5
	MIN	-25	-16	2	12	13	3	2	-2	15	3	5	-10	2	-20	-10	-21	-26	-21	-20	-16	-20	-2	-2	0	-13	-18	-23	-14	12			-7.2
WILLISTON WB CITY	MAX	9	23	32	33	36	35	32	36	37	33	26	42	16	8	8	-5	22	5	17	12	13	16	30	18	13	5	19	34	48			22.5
	MIN	-18	5	9	20	18	14	23	22	23	18	16	15	-5	-10	-9	-21	-12	-8	-12	-8	-2	7	12	2	-5	-11	-11	0	6			2.7
WILLOW CITY	MAX	7	10	29	27	24	23	33	32	34	26	30	25	30	3	-1	-3	4	-1	2	4	-2	10	22	22	12	5	5	18	41			16.2
	MIN	-33	-9	-8	8	9	2	19	-2	19	1	10	-17	-5	-15	-12	-20	-37	-20	-25	-20	-24	-3	-8	-11	-16	-17	-25	-21	1			-9.6
WILTON	MAX																																
	MIN																																
WISHEK	MAX	2	16	22	35	37	33	29	28	33	33	29	25	22	6	1	7	6	7	13	10	4	14	24	14	15	14	12	19	36			18.8
	MIN																																

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL						T	T					T		T	0.7	0.7	T					T			T						
	SN ON GND	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	10		
AMENIA	SNOWFALL											2.0		1.0			2.0										0.2					
	SN ON GND	11	10	10	8	7	7	6	6	5	5	7	7	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
AMIDON	SNOWFALL												T	T			T	T					T	T			T					
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
ASHLEY	SNOWFALL	T										T				T	3.0			T				T								
	SN ON GND	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	9	9	8	7		
BEACH	SNOWFALL							T				0.2	T	1.0		T	1.0	0.2							T		0.5					
	SN ON GND	2	2	2	2	2	1	1	T	T	T	T	T	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	T	T		
BELCOURT INDIAN RES	SNOWFALL											1.3	1.3	2.0			T		T				T	T								
	SN ON GND	12	12	12	12	12	12	11	11	10	10	11	12	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13		
BEULAH	SNOWFALL												T			T																
	SN ON GND	10	10	10	9	8	7	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
BISBEE	SNOWFALL							T				1.0	2.0	1.0			2.0							T								
	SN ON GND	20	20	20	20	20	20	19	19	18	18	19	21	22	22	22	24	24	24	24	24	24	24	24	24	24	24	23	23	22		
BISMARCK WB AP	SNOWFALL	T					T	T					T	T	T	T	2.2	T			T	T	T	0.2		0.1		T				
	SN ON GND	9	9	9	9	8	7	6	6	5	5	5	5	5	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7		
	WTR EQUIV	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		
BOTTINEAU	SNOWFALL				T				T			0.6	T	0.6	0.1		0.7	0.1	0.1								T					
	SN ON GND	14	13	13	13	13	13	13	13	13	13	14	14	14	14	14	15	15	15	15	15	15	15	15	14	14	14	14	14	14		
BOWBELLS	SNOWFALL											0.1					1.0										0.5		T			
	SN ON GND	8	8	7	7	7	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	6		
CENTER	SNOWFALL																T				T		1.0	T								
	SN ON GND	7	7	7	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	5		
CROSBY	SNOWFALL		T					0.1			0.1	T	T	T	T	T	0.3	T		T			T			T	T		0.2			
	SN ON GND	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
DEVILS LAKE WB CITY	SNOWFALL				T	T		0.2	T		T	T	1.8	1.8		T	1.7	T	T	T	T	T		0.1		0.1		T	T			
	SN ON GND	21	20	20	19	18	18	18	17	17	16	16	16	20	19	18	18	19	19	19	18	18	18	18	18	18	18	18	18	18		
DICKINSON CAA AP	SNOWFALL							T					0.2		0.1	0.3	0.4	T			T	0.3	0.2	T		0.1	T					
	SN ON GND	6	6	6	4	4	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1		
DICKINSON EXP STATION	SNOWFALL							T					T	T	T	T	0.5	T				T	T	T			T					
	SN ON GND	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4		
DUNN CENTER 2 SW	SNOWFALL													–	T	T	–	–		T		T	T				–					
	SN ON GND	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2		
EDMORE 1 W	SNOWFALL											0.7		1.5			1.5															
	SN ON GND	22	22	22	22	21	19	19	19	19	18	17	17	18	17	17	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
ELLENDALE	SNOWFALL	T						T				1.5				T	3.5	T		T	T			T		T	T					
	SN ON GND	8	8	8	7	7	6	6	6	6	5	6	6	6	6	6	9	9	9	9	8	8	8	7	6	6	6	6	5	4		
FARGO WB AP	SNOWFALL	T						T		T		T	T	0.3			1.3	T	T	T				T		0.2	T		T	T		
	SN ON GND	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7		
	WTR EQUIV	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
FORT YATES	SNOWFALL															1.0	1.5						T									
	SN ON GND	12	12	12	11	10	9	9	8	7	6	5	5	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	6	5		
FOXHOLM 7 N	SNOWFALL											T						0.5		T		T				T	T		T			
	SN ON GND	8	8	8	8	8	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5		
FULLERTON	SNOWFALL	T										1.1				T	4.0			T						0.2						
	SN ON GND	7	–	–	–	–	–	–	–	–	6	7	6	5	5	5	9	9	9	9	9	9	8	8	8	8	8	8	8	8		
GARRISON	SNOWFALL													–		T	–	T	T					T		T	–		T			
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		
GRAFTON	SNOWFALL					T						0.5		2.3			3.1															
	SN ON GND	25	25	24	22	22	20	20	20	18	18	19	18	21	21	21	24	24	24	24	24	24	24	24	24	24	24	24	23	23		
GRAND FORKS CAA AP	SNOWFALL							T				1.0	T	1.6			5.0	T	T					T		T	T					
	SN ON GND	16	16	14	14	14	14	14	13	12	12	13	12	13	13	13	13	18	18	18	17	16	16	16	15	15	15	15	15	14		
GRAND FORKS UNIVERSITY	SNOWFALL					T				T		0.5		1.1			4.3	0.4	T								T					
	SN ON GND	16	16	14	14	14	14	13	13	12	12	12	12	13	13	13	17	18	18	18	17	16	16	16	15	15	15	15	15	14		
GRANVILLE	SNOWFALL											T	T	T			1.0	T						T		T			T			
	SN ON GND	20	20	20	20	20	20	19	18	17	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	16		
HANSBORO	SNOWFALL						0.1					0.5	0.5	1.5			1.0		0.5				0.3	0.1								
	SN ON GND	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	24		
HETTINGER	SNOWFALL													0.2		0.3	0.5						0.3									
	SN ON GND	6	6	6	5	5	5	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	2		
JAMESTOWN CAA AP	SNOWFALL	T					T				T	T	0.2	T		T	3.6	T	T	T	T			T		0.4	T	T	T			
	SN ON GND	6	6	6	6	6	5	5	5	5	4	4	4	4	4	4	6	8	8	8	8	8	8	8	8	7	7	7	7	7		
KENSAL WILDLIFE REFUGE	SNOWFALL										T		T	1.0			2.0			0.5				T		0.5						
	SN ON GND	12	12	12	12	11	11	10	10	9	8	8	8	9	9	9	11	11	11	11	11	11	11	11	11	12	12	12	12	11		
KILLDEER 8 NW	SNOWFALL												T			T	1.0						T			1.0						
	SN ON GND	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	1	1		
MANDAN EXP STATION	SNOWFALL													T			2.0	T			T	T		T			0.1	T				
	SN ON GND	10	10	10	9	9	9	8	8	8	7	7	7	7	7	7	9	9	9	9	9	9	9	9	9	9	9	9	8	8		
MAYVILLE	SNOWFALL											1.0		1.0			2.0	T						T	T		0.1					
	SN ON GND	10	10	10	9	9	8	8	7	7	6	7	6	7	7	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
MC CLUSKY	SNOWFALL													1.0		0.1	0.5									0.1						
	SN ON GND	10	10	10	10	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7		
MC HENRY 5 N	SNOWFALL							T				T	T	1.5			1.4	T									0.3					
	SN ON GND	16	16	16	16	16	16	16	16	16	16	16	16	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
MEDORA 3 NNE	SNOWFALL												T	0.5	0.5	0.2	1.0									T	T					
	SN ON GND	3	3	3	3	2	2	2	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	1		

See reference notes following Station Index.

Table 7–CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
FEBRUARY 1956

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MINOT CAA AP	SNOWFALL	T	T					T			0.1	T	T	T	T	0.2	0.9	0.2	T	T	0.1	T	0.1	T	T	0.1	T		0.1	T		
	SN ON GND	6	6	6	6	6	6	6	5	5	5	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3		
MINOT EXP STATION	SNOWFALL											T		T		T	0.5		T		T	T	T	T			0.2			0.2		
	SN ON GND	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
MOHALL	SNOWFALL											1.0	0.5				1.0	T		T												
	SN ON GND	12	12	12	11	11	11	11	11	11	10	11	12	12	12	12	12	12	12	12	12	11	11	11	10	10	10	10	10	10		
MONTPELIER	SNOWFALL	T					T							0.3		T	3.4	T		T					T	T	0.2	T		T		
	SN ON GND	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	7	7	7	7	7	7	7	7	7	7	7	7	7	6		
MOTT	SNOWFALL												0.5			1.0						0.5	0.5									
	SN ON GND	4	4	4	4	3	3	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2		
MUNICH 4 SW	SNOWFALL							T			T	T	1.0	1.0			1.0	T			T	T	0.5	0.5								
	SN ON GND	18	18	18	18	18	17	16	16	15	15	15	16	17	17	17	18	18	18	18	18	18	18	19	19	19	19	19	19	18		
NAPOLEON	SNOWFALL																1.0							T		0.1						
	SN ON GND	13	13	13	13	12	12	12	12	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	11		
OAKES	SNOWFALL	0.5							T			1.0	T	0.5		T	2.0	0.5			T						0.3					
	SN ON GND	8	8	8	8	6	6	5	5	5	5	6	6	6	6	6	8	9	9	9	9	9	9	9	9	9	9	9	9	9		
PARSHALL	SNOWFALL										T	T	T			T	0.4						0.2	T	T	0.2			0.2			
	SN ON GND	10	10	10	10	9	8	8	7	6	6	5	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3		
PETERSBURG	SNOWFALL							0.2						5.0			3.0							1.4								
	SN ON GND	20	20	19	19	18	18	18	18	17	16	16	15	20	20	20	23	23	23	22	22	21	21	22	21	20	20	19	18	16		
PETTIBONE	SNOWFALL											0.5				1.0																
	SN ON GND	15	15	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
PRETTY ROCK	SNOWFALL	T	T					T						T		1.0	T		T		1.0	T	T	T								
	SN ON GND	9	9	9	9	8	7	7	7	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	6	5	5		
RICHARDTON ABBEY	SNOWFALL							T					0.4	T	T	0.6	0.5	T				T	0.3	0.1		0.3	T					
	SN ON GND	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	1		
RIVERDALE	SNOWFALL												T	T	T	T	1.0	T	T	T			T	T	T		T	T	T	T		
	SN ON GND	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
ROLLA	SNOWFALL						T	T				0.4	1.5	1.5			1.5	T	T				0.5	T								
	SN ON GND	20	20	20	20	20	20	20	20	20	20	18	20	22	22	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22		
SAN HAVEN	SNOWFALL							T				1.5	0.8	0.4			1.0		0.2													
	SN ON GND	17	17	17	17	16	16	16	16	15	15	17	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
SHARON	SNOWFALL												T				4.0															
	SN ON GND	16	16	16	16	16	16	12	12	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	13		
STANLEY	SNOWFALL											T		T		T		0.5					T			0.5			T			
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9		
UPHAM 3 N	SNOWFALL						T					2.0	T	1.0			1.0	T	T					T								
	SN ON GND	22	22	22	22	22	22	21	20	18	18	20	20	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	21		
VALLEY CITY	SNOWFALL											0.1	0.6				4.0										1.0					
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		
WAHPETON STATE SCHOOL	SNOWFALL	T										0.5		0.3			2.0	0.3	T								1.0					
	SN ON GND	9	9	9	8	8	8	7	7	7	7	8	8	8	8	7	9	9	9	9	9	9	9	9	8	8	9	9	8	8		
WESTHOPE	SNOWFALL												1.0	1.5			1.5	T					T									
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		
WILLISTON WB CITY	SNOWFALL						T	T			T	T	T	T	T	0.8	T	T	T		T			T	T	0.3		T	0.1			
	SN ON GND	4	4	4	4	4	3	2	2	1	1	1	1	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	WTR EQUIV	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2																							
WILLOW CITY	SNOWFALL			T								1.0	1.0	T			2.0	T						T		T						
	SN ON GND	11	11	11	11	11	11	11	10	10	10	11	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	12		

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Adame 7 S	0022	Walsb	10	48 20	98 06	1554		6P	Myron J. Hata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	D.S. Horder Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	8ottineau	12	48 58	101 20	1540		MIO	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
8aldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McBenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
8alta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobiae	2 3 5 7 C
Helcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joeeph 8. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bishee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
8iemarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Biemarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Hottineau	0941	Hottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Howhells	0961	Hurke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Howman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Hook	2 3 5 C
Howman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Howman 30 NNW	1001	8lope	7	46 35	103 31	2505		5P	John H. Hanson	3
Hreien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Bendrickson	C
Burt 16 N	1216	Bettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Hutte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry B. Barris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Dliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. 8urchill	3
Columbus	1696	Hurke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Rameey	2	48 07	98 52	1471	MID	MID	O.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.6. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Oodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	8	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	1482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Rameey	2	48 25	98 29	1520	5P	5P	Mike Oavis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Eemond	2767	Henson	11	48 02	99 46	1650		MIO	Lyle D. Fering	C
Fairfield	2809	Hillings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Caes	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Hioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Hillings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. D. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5 7
Glen Ullin	3496	Morton	4	48 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Dllin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forke University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Dswald B. Bjornlie	C
Granville	3686	McBenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Leo J. Braun	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edeel G. Crist	3
Grenora	3736	Williame	8	48 37	103 56	2114	10P	10P	L. D. Nielson	2 3 5
Hague	3826	Emmone	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Ralliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Rannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Bannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Ransboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Htephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Razelton R R Station	4083	Emmone	8	46 29	100 17	1978		MID	V. G. Sbaw	C
Bettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Bettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerhracht	C
Billeboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Rurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Rutb Bucbwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jameetown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	88 57	1970		6P	John Htroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Hturlaugson	2 3 5
Laneford	5002	Bottlneau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nele B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	89 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 B	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1885	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Raneom	11	46 28	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Baroee	11	46 39	98 11	1467		5P	William B. Rugb	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Senson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandao Exp. Station	5478	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1874	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 48	2219		MID	Donald Jefferiee	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnee	C
Martio	5610	Sheridao	11	47 50	100 07	1610		5P	Elroy E. Keesler	3
Max	5838	McLean	8	47 49	101 18	2093	8A	8A	R. B. Schafer	2 3 5
Mayville	5660	Traill	10	47 30	97 18	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Hchielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. B. Erickson	C
Mc8eory 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. 8lasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	87 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelsoo	10	47 46	88 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina 1 W	5798	Htutsman	8	48 53	88 18	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billinga	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	89 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MIO	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	O.S. Fish & W.L.Ser	2 3 5
Moball	8025	Renville	12	48 46	101 31	1639	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	48 42	98 35	1378		6P	Rolf Hanson	3 7
Mott	6155	Bettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Municb 4 SW	6195	Cavalier	2	48 38	98 53	1588	7P	7P	Rarold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Ted C. Frank	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	98 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1805	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 18	1850		MIO	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parsball	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6847	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Ddean Moneon	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Hurke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Rauh	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Roltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Aeeumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. H. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Baven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Howman	3	46 08	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Hury	3
Sbaron	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugb Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	Jamee W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1834		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Dil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August H. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Dcbsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Dscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wabpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Victor Burton	C
Wabpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walballa	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil H. Johnson	3
Wasbburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Horlaug	2 3 5
Wasbburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Weethope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edeel R. Anderson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Relmer Amundsen	3

‡ DRAINAGE CODE 1. Canoonball 2. Devils Lake 3. Grand 4. Heart 5. James 8. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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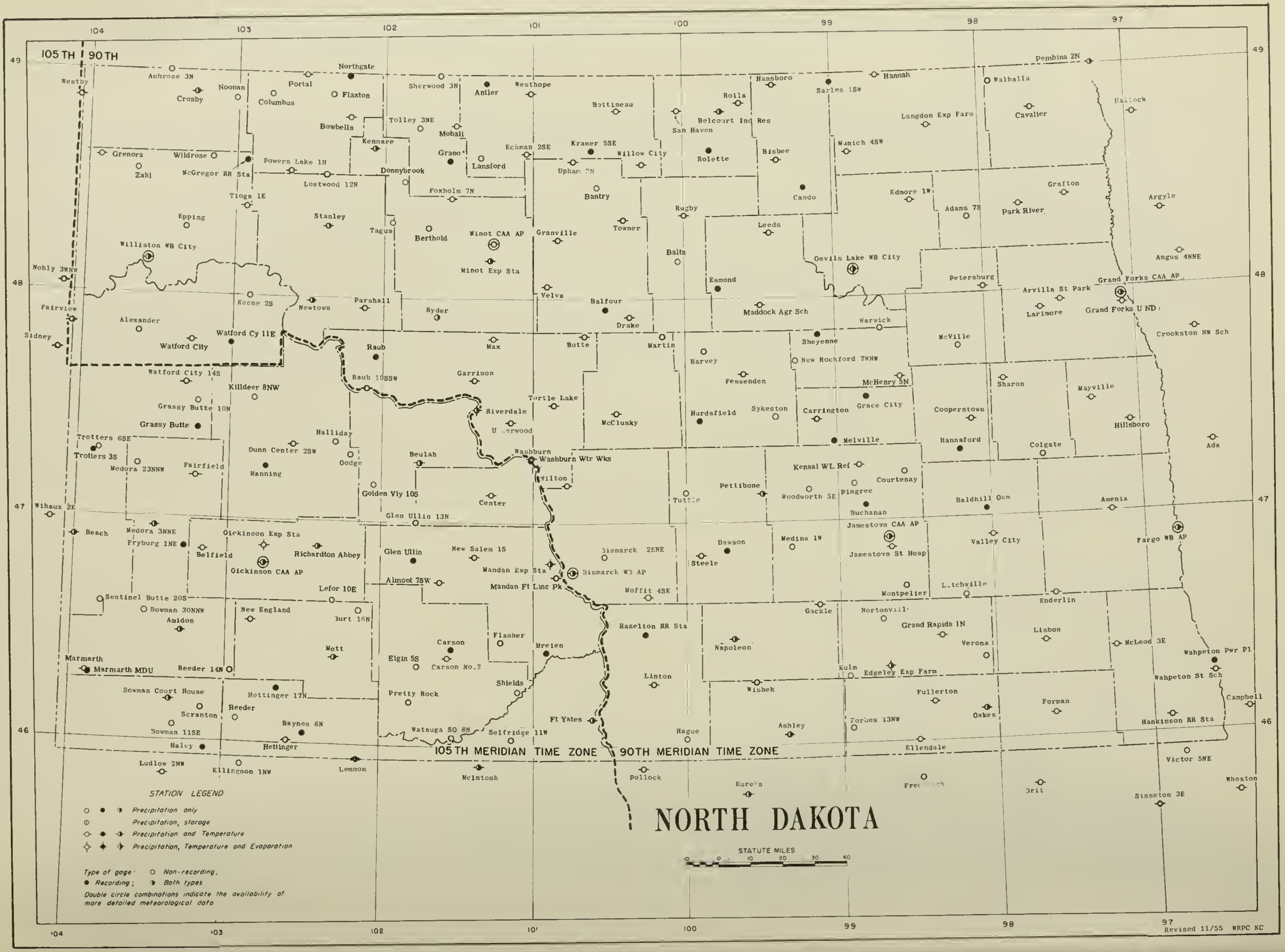
NWRC, ASHEVILLE, N. C. -- 4-5-56 -- 880


NORTH DAKOTA
105TH
90TH
105TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
49
48
47
46
104
103
102
101
100
99
98
97
STATUTE MILES
10
0
10
20
30
40
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording, ● Recording; ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
Revised 11/55 WRPC KC
Westby
Ambrose 3N
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Bowbells
Sherwood 3N
Antler
Westhope
Tolley 3NE
Mohall
Kenmare
Grano
Lansford
Eckman 2SE
Kramer 5SE
Upham 2N
Willow City
Bottineau
San Haven
Belcourt Ind Res
Rolla
Hansboro
Sarles 1SW
Hannah
Walhalla
Pembina 2N
Hallock
Cavalier
Langdon Exp Farm
Munich 4SW
Bisbee
Rolette
Cando
Grenora
Zahl
Wildrose
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Foxholm 7N
Tioga 1E
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Minot Exp Sta
Granville
Bantry
Towner
Rugby
Balta
Leeds
Edmore 1W
Adams 7S
Park River
Grafton
Argyle
Angus 4NNE
Williston WB City
Nohly 3WNW
Fairview
Sidney
Alexander
Keene 2S
Newtown
Watford City
Watford Cy 11E
Parshall
Ryder
Velva
Balfour
Drake
Esmond
Devils Lake WB City
Maddock Agr Sch
Petersburg
Arvilla St Park
Larimore
Grand Forks CAA AP
Grand Forks U ND
Crookston NW Sch
Raub
Max
Butte
Martin
Sheyenne
Warwick
McVille
Watford City 14S
Killdeer 8NW
Raub 10SSW
Garrison
Harvey
Fessenden
New Rockford 7WNW
McHenry 5N
Grace City
Sharon
Mayville
Grassy Butte 10N
Grassy Butte
Riverdale
Underwood
Turtle Lake
McClusky
Hurdsfield
Sykeston
Carrington
Cooperstown
Hillsboro
Trotters 6SE
Trotters 3S
Halliday
Dunn Center 2SW
Dodge
Melville
Hannaford
Colgate
Ada
Medora 23NNW
Fairfield
Manning
Beulah
Washburn
Washburn Wtr Wks
Kensal WL Ref
Courtenay
Golden Vly 10S
Wilton
Center
Tuttle
Pettibone
Woodworth 5E
Pingree
Buchanan
Baldhill Dam
Amenia
Fargo WB AP
Wibaux 2E
Beach
Medora 3NNE
Fryburg 1NE
Belfield
Dickinson Exp Sta
Richardton Abbey
Glen Ullin 13N
Glen Ullin
New Salem 1S
Bismarck 2ENE
Steele
Dawson
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Dickinson CAA AP
Mandan Exp Sta
Bismarck WB AP
Mandan Ft Linc Pk
Almont 7SW
Lefor 10E
Moffit 4SE
Montpelier
Litchville
Enderlin
Sentinel Butte 20S
Bowman 30NNW
Amidon
New England
Burt 16N
Hazelton RR Sta
Gackle
Nortonville
Grand Rapids 1N
Lisbon
McLeod 3E
Wahpeton Pwr Pl
Flasher
Breien
Napoleon
Verona
Marmarth
Marmarth MDU
Reeder 14N
Mott
Carson
Elgin 5S
Carson No.2
Kulm
Edgeley Exp Farm
Wahpeton St Sch
Bowman Court House
Hettinger 17N
Shields
Linton
Wishek
Fullerton
Forman
Campbell
Scranton
Reeder
Pretty Rock
Oakes
Bowman 11SE
Baynes 6N
Ft Yates
Forbes 13NW
Hankinson RR Sta
Hettinger
Watauga SO 8N
Selfridge 11W
Hague
Ashley
Haley
Ellendale
Victor 5NE
Ludlow 2NW
Ellingson 1NW
Lemmon
McIntosh
Pollock
Eureka
Brit
Wheaton
Sisseton 3E

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~~NAT HIST~~

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

MAY 21 1956

MARCH 1956
Volume LXV No. 3

THE LIBRARY OF THE
MAY 1956
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1956

WEATHER SUMMARY

March was cold and stormy over most of the State. Cold temperatures and heavy snows delayed spring farm operations. Livestock continued in fair to good condition.

Maximum temperatures were above freezing over much of the State during the first few days of March. Cold Arctic air poured into the State for several days beginning on the 6th. Minimum temperatures dropped to zero or lower at most stations on each day from the 6th to 14th. Most stations registered their lowest temperatures for the month during that period. Monthly minimums ranged from -7 degrees at Hettinger and Marmarth on the 11th to -32 degrees at Belcourt Indian Reservation on the 14th. Maximum temperatures were near zero on the 11th and the daily mean temperature at Bismarck on that date was 34 degrees below normal. The 15th to 21st and the 24th to 26th were seasonably mild and many stations registered their warmest temperatures during one of those periods. A few stations registered their highest maximums on the 31st. Monthly maximums ranged from 38 degrees at Grand Forks on the 20th to 76 degrees at Marmarth on the 31st. Monthly mean temperatures ranged from 12.6 degrees at Munich 4 SW to 33.0 degrees at Marmarth. In general, monthly mean temperatures ranged from seasonally mild over the western part of North Dakota to quite cold over the east. Departures from the long-term mean temperatures over the western third of the State ranged from -1.0 degrees at Portal to +5.0 degrees at Marmarth. Over the eastern third, the temperature departures ranged from -1.5 degrees at Ellendale to -7.1 degrees at Grafton.

Many parts of the State received an inch or two of snow on the 3d and similar amounts on the 5th. Blizzard conditions with moderate snowfall amounts prevailed over the west and central parts on the 10th. Snowfall over the east was generally light on the 10th. Some areas received light rain, snow, and sleet during the period 15th to 17th and from the 22d to 26th. The worst storm of the winter came on the 27th and 28th as moderate to heavy snow blanketed most of the State. The snowfall during this storm was especially heavy over the northeast. A few stations in the extreme southwest received only small amounts of snow during March. The least, a trace, fell at Sentinel Butte 20S. Most of the central and eastern stations received more than ten inches. Several northeastern counties received more than 15 inches. The greatest snowfall, 25.6 inches, fell at Devils Lake. Precipitation totals ranged from 0.04 inch at Sentinel Butte 20S to 2.55 inches at Walhalla. In general, precipitation over most western and south central counties totalled less than an inch but exceeded that amount over the eastern and north central counties. Precipitation totals exceeded the long-term means at most eastern and central stations. Positive and negative precipitation departures just about balanced each other over the west. At the end of the month, the ground was bare over most western counties. Snow depths elsewhere ranged from a few inches over the southeastern counties to over 15.0 inches over a few northeastern counties.

Heavy snow and cold temperatures kept the farmers out of the fields during much of the month. Some field work was accomplished in the extreme southwest during the latter part. The blizzard on the 27th and 28th delayed outdoor work in all parts of the State. This storm was almost statewide and brought from 4 to 16 inches of snow. The moisture from this snow relieved the dry soil conditions in the southeastern part of the State but brought the threat of floods to the extreme northeast. At the end of March, soil moisture was sufficient for germinating spring seeded crops but the moisture reserves were still quite low in most southern counties and in some sections elsewhere except the north central and northeast where the subsoil moisture was plentiful. Hay and roughage were in short supply in many localities according to the General Crop Report of the Agricultural Marketing Service. Livestock grazed in some open fields prior to the blizzard. Cattle were generally in fair to good condition but were thin due to the long feeding season and the rationing of feed supplies. Sheep held their condition very well during March and were only slightly below average. Stormy weather and alternate freezing and thawing were unfavorable for young calves and lambs.

STORMS

The worst snowstorm of the winter came on March 27 and 28. The storm left 16 inches of snow in the Devils Lake area. The snow was accompanied by winds up to 40 miles per hour. The snow blocked highways and isolated many farmers in the northeast part of the State. Many stations in the northwestern and southeastern sections reported thunder and lightning before the snowstorm. A severe electrical storm occurred at Verona, LaMoure County. The storm caused considerable inconvenience but the benefits to come from the moisture were expected to far more than offset any losses that the storm may have caused.

Lucius W. Dye

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:3JP CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
8ISMARCK W8 AIRPORT	NW	13	13.1	44	NW	17	85	84	74	73	6	6	5	0	0	0	17	66	6.5
OEVILS LAKE W8 CITY	–	–	9.6	26	N	27	–	–	–	–	9	7	4	0	1	0	21	62	6.7
FARGO W8 AIRPORT	S	16	15.7	47	SE	31	81	79	72	76	16	2	2	1	0	0	21	64	7.3
WILLISTON W8 CITY	–	–	8.2	27	NW	20	77	81	60	64	6	8	3	0	0	0	17	55	7.2

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
EASTERN OIVISION																								
AMENIA		29.9	10.2	20.1		45	24+	-22	12	1387	0	18	31	8	1.44		0.75	28		11	6+	4	1	0
ARVILLA STATE PARK		28.7	4.4	16.6		49	25	-24	8	1496	0	20	31	11	1.06		0.54	28		16	6+	5	1	0
CARRINGTON	AM	27.3	8.9	18.1	- 4.1	45	26	-18	11	1449	0	21	31	9	1.01	0.27	0.44	28	11.3			4	0	0
CAVALIER		27.3	6.2	16.8		42	25	-23	12	1489	0	21	31	9	1.27		0.65	28	12.8	25	6+	3	1	0
COOPERSTOWN		27.8M	8.0M	17.9M		46	25	-20	8+	1455	0	19	31	9	1.18	0.40	0.46	28	13.0	30	6+	4	0	0
OEVILS LAKE WB CITY	R //	24.7	6.5	15.6	- 7.0	39	20	-21	11	1527	0	22	31	9	2.29	1.56	1.24	27	25.6	20	6+	5	1	1
EOGELEY EXP FARM	AM	33.0	14.0M	23.5M	- 1.9	54	26			1276	0	13	31	5	0.67	- 0.09	0.55	28	7.0	6	29+	1	1	0
EOMORE 1 W		24.8	2.6	13.7		41	25	-29	11	1585	0	21	31	12	1.47		0.80	28	17.5	25	28+	4	1	0
ELLENOALE		35.9	14.3	25.1	- 1.5	56	25+	-15	12	1230	0	11	31	4	0.90	- 0.10	0.41	27	12.0	7	28	2	0	0
ENOERLIN	AM	29.9	9.6	19.8		50	26	-15	8	1397	0	19	31	8	0.32		0.19	28	11.0	12	1	1	0	0
FARGO WB AP	R //	28.6	10.3	19.5	- 5.8	46	25	-17	11	1406	0	18	31	9	0.91	0.02	0.58	27	9.2	8	28+	3	1	0
FORMAN		33.6	13.9	23.8		54	25	-14	12	1270	0	12	30	5	1.70	0.78	0.56	27	15.5			3	1	0
FULLERTON		34.6	12.9	23.8	- 2.9	55	25	-17	12	1274	0	11	31	5	1.28	0.02	0.52	27	12.8	10	28+	4	1	0
GACKLE		32.5	12.1	22.3		51	25	-18	11	1317	0	12	31	5	0.88		0.34	27	7.5	5	28+	3	0	0
GRAFTON		26.6	5.0	15.8	- 7.1	40	25+	-25	12+	1520	0	22	31	10	1.86	0.96			18.6					
GRANO FORKS CAA AP	R	26.4	4.6	15.5		44	25	-23	11	1527	0	20	31	12	1.39		0.50	28	14.7	16	6+	3	1	0
GRANO FORKS UNIVERSITY		25.8	6.9	16.4	- 6.1	38	20	-23	11	1502	0	21	31	11	1.33	0.42	0.70	28	15.3	16	6+	4	1	0
GRANO RAPIOS 1 N		34.6	10.8	22.7		54	25	-16	8+	1305	0	13	31	7	1.59		0.60	27	15.5	11	28	4	2	0
HANKINSON R R STATION	AM	31.0	10.3	20.7	- 5.1	52	26	-12	11+	1370	0	15	31	8	0.93	- 0.17	0.56	28	9.0			3	1	0
HANNAH		23.7	2.4	13.1		40	25	-25	11	1605	0	24	31	11	1.08	0.31	0.55	28	11.2	18	28	3	1	0
HILLSBORO		29.4	8.6	19.0	- 5.1	43	25	-22	12	1422	0	18	31	8	1.15	0.32	0.78	28	11.0			3	1	0
JAMESTOWN CAA AP	R //	29.7	10.4	20.1		49	25	-14	11+	1387	0	17	31	7	1.40		0.61	28	13.6	11	29	3	1	0
JAMESTOWN STATE HOSP		31.5	12.9	22.2	- 2.7	48	20+	-16	12	1321	0	15	31	7	0.98	0.10	0.36	27	12.9			3	0	0
KENSAL WILOLIFE REFUGE		31.5	10.9	21.2		46	20+	-16	11	1349	0	15	31	8	0.75		0.32	28	12.0	10	1	2	0	0
LANGOON EXP FARM		24.1	2.4	13.3	- 6.2	41	25	-27	11	1600	0	24	31	12	2.23	1.31	1.20	28	22.6	33	6+	4	1	1
LARIMORE		27.3	7.6	17.5	- 5.5	46	25	-21	8	1467	0	20	31	10	1.56	0.70	0.92	28	14.5			5	1	0
LISBON		32.0M	13.1M	22.6M	- 3.6	52	25	-18	8	1298	0		31											
MAYVILLE		27.1	9.1	18.1	- 6.4	44	25	-20	11	1451	0	20	31	9	1.58	0.90	0.64	28	14.9	12	6+	5	1	0
MC HENRY 5 N		27.2	7.1	17.2		45	25	-21	11+	1475	0	21	31	9	1.74		0.63	28	19.2	25	29+	5	1	0
MC LEOO 3 E		32.4	10.5M	21.5M	- 4.8	50	25	-18	8+	1347	0	14	31	7	0.88	- 0.11	0.25	28	18.0			4	0	0
MC VILLE		26.3	6.3	16.3		42	20	-23	8	1505	0	21	31	10	1.12		0.51	28	15.5	19	4+	4	1	0
MUNICH 4 SW		23.4	- 1.8	10.8		39	25	-31	12	1677	0	25	31	16	2.01		1.10	28	18.5	26	29+	6	1	1
OAKES	AM	31.5	9.7	20.6	- 5.3	54	26+	-17	12	1371	0	15	31	8	1.45	0.52	1.10	28	21.0	11	29	3	1	1
PARK RIVER		27.2	8.0	17.6	- 4.2	48	25	-19	8	1466	0	18	31	9	1.99	1.25	1.15	28	18.3	26	29	4	1	1
PEMBINA 2 N		27.3M	4.0	15.7M		41	25+	-25	11	1520	0	20	31	8	0.73	0.01	0.34	28		18	6+	2	0	0
PETERSBURG		24.5	4.5	14.5		41	25	-23	11	1560	0	24	31	11	1.83	1.14	1.04	28	16.1	19	6+	5	1	1
SHARON		26.5	7.5	17.0	- 5.4	48	25	-20	11+	1481	0	21	31	11	1.38	0.50	0.80	28	15.3	19	28+	4	1	0
VALLEY CITY		32.3	12.6	22.5	- 3.5	48	25	-16	8	1315	0	15	31	6	1.31	0.56	0.78	28	13.3			3	1	0
WAHPETON STATE SCHOOL		33.4	12.3	22.9	- 4.0	53	25	-15	8+	1299	0	14	31	6	1.24	0.38	0.60	28	12.6	8	1+	4	1	0
OIVISION				18.8											1.31				14.5					
MIOOLE OIVISION																								
ASHLEY		34.5	12.0	23.3	- 1.4	58	26	-16	11	1285	0	13	31	6	0.89	0.12	0.57	27	11.0	10	28+	2	1	0
BELCOURT INOIAN RES		27.9	4.5	16.2		48	20+	-32	14	1505	0	20	31	11	1.35		0.50	28	20.7	25	29+	3	1	0
BISBEE		25.1	5.5	15.3		43	25	-22	11	1536	0	22	31	12	0 1.71		0.84	28	16.0	25	28+	5	2	0
BISMARCK WB AP	R //	34.0	13.1	23.6	- 3.1	56	24+	-25	12	1281	0	12	31	9	1.21	0.45	0.41	27	11.8	7	10	5	0	0
BOTTINEAU	AM	26.2	6.8M	16.5M	- 3.6	46	26			1493	0	21	31	12	0.49	- 0.25	0.23	28	5.7	14	1	1	0	0
BUTTE	AM										0			8	0.24		0.10	28	12.5	8	11+	1	0	0
CARSON NO 2	AM																							
CENTER		34.8	11.9	23.4		58	24	-25	12	1283	0	11	31	8	1.10		0.42	27	13.0	9	10+	3	0	0
ORAKE	AM	28.5	7.8	18.2	- 3.5	45	25	-21	11	1449	0	16	31	10	1.00	0.30	0.24	28				4	0	0
ECKMAN 2 SE	AM	28.3	3.4	15.9	- 4.2	48	25	-22	14	1518	0	19	31	14	0.87		0.41	27				3	0	0
FESSENOEN		29.4	8.5	19.0	- 3.9	43	25	-20	11+	1421	0	16	31	9	1.30	0.52	0.36	27	16.0	18	10+	5	0	0
FORT YATES		39.6M	17.4M	28.5M	0.6	62	24+	-12	11	1126	0		30	5	0.54	- 0.26	0.19	28	4.7	5	1	2	0	0
FOXHOLM 7 N		31.9	11.2	21.6	- 1.0	50	24	-17	7	1340	0	15	30	10	0.67	- 0.10	0.40	27	16.0	11	28	2	0	0
GARRISON	AM	32.3	11.2	21.8	- 1.9	57	25	-18	11	1332	0	11	30	9	1.15	0.40	0.32	28				4	0	0
GRANVILLE		31.7	9.7	20.7	- 2.5	51	24	-20	10	1366	0	17	31	10	1.03	0.36	0.50	27	10.0	16	1+	3	1	0
HANSBORO		24.8M	5.9M	15.4M	- 4.2	45	25			1531	0		31	11	0.75	0.09	0.54	28	10.1	23	1+	1	1	0
LEEOS		27.4	5.4	16.4		45	25	-25	8	1499	0	20	31	10	1.96		0.80	28	20.0	20	6	4	2	0
LINTON		37.8	13.3	25.6	- 1.1	59	26	-21	12	1219	0	9	29	6	0.83	0.11	0.32	28	9.7	9	1	3	0	0
MAOOOCK AGR SCHOOL		27.4	5.9	16.7	- 5.6	42	25	-23	14	1492	0	21	31	11	1.61	0.87	0.38	28				5	0	0
MANOAN EXP STATION	AM	34.2	14.6	24.4	- 0.2	56	25	-14	12	1250	0	10	30	5	1.03	0.13	0.44	28	13.6	11	10+	2	0	0
MANOAN FT LINCOLN PARK		36.9	12.0M	24.5M		57	25	-27	12	1256	0	9	31	6	0.97		0.24	28	11.0	8	10+	4	0	0
MAX	AM	30.4	9.2	19.8	- 1.5	51	25	-18	11	1397	0	15	30	11	1.97	1.24	0.39	28	15.0	10	29	8	0	0
MC CLUSKY		30.2	10.3	20.3	- 3.1	43	20+	-19	11+	1384	0	15	31	8	0.98	0.14	0.23	5+	13.2	7	10+	5	0	0
MINOT CAA AP		29.4	13.2	21.3		50	20+	-14	7+	1349	0	18	30	7	1.01		0.49	27	13.2	9	28+	3	0	0
MINOT EXP STATION	AM	29.2	10.6	19.9		50	21+	-15	11	1391	0	16	31	9	0.60		0.22	28	11.4	9	1	2	0	0
MOFFIT 4 SE		34.5	11.2	22.9		54	24+	-20	8+	1298	0	12	31	6	0.74		0.23	27	7.6	5	1+	3	0	0
MOHALL		30.9	11.1M	21.0M	- 0.2	48	20+	-17	7+	1347	0	14	31	9	0.66	- 0.23	0.37	27	16.3	14	28	3	0	0
NAPOLEON		33.1	11.9	22.5	- 1.5	53	25	-17	11	1310	0	13	31	8	1.07	0.12	0.44	27	11.6	11	17+	5	0	0

See reference notes following Station Index.

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
NEW SALEM 1 S		35.4	15.3	25.4	0.4	59	24	-15	11	1226	0	11	31	5	0.90	0.09	0.35	27	9.7			3	0	0
PETTIBONE																								
RIVERDALE	AM	31.0	12.1	21.6		55	25	-18	11	1339	0	14	31	7	1.02		0.36	28	11.4	6	28	3	0	0
ROLLA		25.6	6.5	16.1		45	20	-17	8	1514	0	21	31	10	1.29		0.52	27	12.5	22	1	3	1	0
RUGBY		29.2	7.8	18.5		42	20+	-20	11+	1433	0	18	31	10	1.91	1.13	1.07	27				4	1	1
SAN HAVEN		28.3	7.9	18.1		48	25	-18	12	1448	0	18	31	9	1.12	0.54	0.42	28	12.4	25	29+	3	0	0
STEELE		32.1	9.5	20.8	- 3.0	47	24+	-20	12	1363	0	13	31	9	1.27	0.67	0.31	27	23.1	8	10+	6	0	0
TOWNER		31.1	6.2	18.7	- 3.0	48	24	-23	11+	1432	0	12	31	12	1.01	0.05	0.37	27	17.0			4	0	0
TURTLE LAKE		32.5M	9.9M	21.2M		50	24	-22	11	1367	0	13	31	8	1.41		0.30	10				6	0	0
UNDERWOOD	AM	32.2M	10.3	21.3M		53	25	-14	13	1337	0	13	31	7	1.05		0.30	28				4	0	0
UPHAM 3 N		31.5	7.0	19.3		49	24	-22	14	1415	0	17	31	10	1.03		0.40	27	11.0	21	1	4	0	0
VELVA		32.4	12.7	22.6	- 1.7	53	24	-15	12	1307	0	14	30	9	0.92	0.21	0.23	27	13.0	8	1+	4	0	0
WASHBURN		34.1M	14.9M	24.5M	- 1.1	52	24+	-15	11+	1240	0	10	30	6	0.72	0.03	0.20	27		8	10+	4	0	0
WESTHOPE		26.5	6.8	16.7	- 3.7	47	24	-22	11	1496	0	20	31	12	1.12		0.64	27	16.5			3	1	0
WILLOW CITY		28.1	4.1	16.1	- 3.7	47	25	-28	12	1509	0	20	31	13	1.07	0.37	0.35	27	14.0	11	1+	4	0	0
WILTON																								
WISHEK		34.4M	12.0M	23.2M	- 0.3			-17	12	1302	0	10			0.26	- 0.45	0.14	28				2	0	0
DIVISION				20.5											1.04				13.1					
WESTERN DIVISION																								
ALMONT 7 SW		37.5	16.9	27.2		61	24	-13	11	1165	0	10	31	5	0.97		0.20	27	11.9	10	5+	3	0	0
AMIDON	AM	41.3	16.1	28.7		72	26	-13	11	1117	0	7	28	5	0.12		0.08	27	2.0	1	15+	0	0	0
BEACH	AM	41.8	16.1	29.0		73	25	-14	11	1110	0	9	27	5	0.25		0.07	10	5.5	2	28+	0	0	0
BELFIELD		41.3M	15.8M	28.6M				-13	11	1133	0	6		6	0.84		0.38	25		2	2	2	0	0
BEULAH	AM	31.0	9.0	20.0		60	25	-26	12	1388	0	15	31	10	1.03		0.34	10	13.0	7	10+	3	0	0
BOWBELLS		31.0	10.1	20.6		47	19+	-20	7	1371	0	16	31	10	1.66		0.92	27	14.0	11	28	4	1	0
BOWMAN COURT HOUSE		43.9	18.4	31.2	4.7	73	24	-10	11	1044	0	8	28	4	0.31		0.23	2		2	2	1	0	0
CROSBY		31.3	11.8	21.6	0.1	51	19	-18	7	1340	0	16	30	10	0.66	0.04	0.15	23	8.7	4	5+	4	0	0
DICKINSON CAA AP	R //	40.0	16.8	28.4		71	31	-14	11	1127	0	10	30	5	0.66		0.25	28	4.3	2	10+	4	0	0
DICKINSON EXP STATION	AM	40.3	15.7	28.0	4.1	71	25	-15	11	1141	0	9	29	6	0.57	- 0.19	0.20	27		2	1+	3	0	0
DUNN CENTER 2 SW	AM	37.2	13.4	25.3	1.2	69	25	-15	11	1224	0	10	31	6	0.56	- 0.09	0.28	27	6.7	3	6+	2	0	0
FAIRFIELD		38.1	15.8	27.0		70	24	-17	12	1173	0	10	29	4	0.53		0.28	27	4.0	3	5+	1	0	0
GRENORA		36.8	13.9	25.4		60	24	-19	11	1221	0	10	31	3	0.20		0.10	5		5	5+	1	0	0
HETTINGER		42.2	19.0	30.6	3.6	72	24	- 7	11	1060	0	9	29	4	0.31	- 0.41	0.10	10	2.7	3	10+	1	0	0
KENMARE	AM	29.9	10.2	20.1		49	25	-18	7	1385	0	15	31	10	1.37	0.54	0.57	27				3	1	0
LOSTWOOD 12 N		30.8M	9.3M	20.1M		50	25	-22	11	1386	0	16	31		0.64		0.41	27	9.8	10	28+	1	0	0
MARMARTH		46.3M	19.7M	33.0M	5.0	76	31	- 7	11	1006	0	8	25	3										
MEDORA 3 NNE		45.9	17.2	31.6		75	24	-18	12	1029	0	6	29	6	0 0.54		D 0.13	9+	5.5	2	10+	3	0	0
MOTT		41.8	18.8M	30.3M	3.7	68	24+	- 8	11	1068	0	7	29	3	0.38	- 0.41	0.11	28	3.4	2	10+	3	0	0
NEW ENGLAND		42.5	18.3	30.4	3.4	73	31	-10	11	1068	0	8	29	5	0.35	- 0.76	0.12	27				1	0	0
NEWTOWN		34.5	14.5	24.5		55	19	-18	11	1249	0	12	30	6	1.18	0.61	0.60	27	9.5	4	28	4	1	0
PARSHALL		33.5	12.2	22.9		56	24	-21	11	1300	0	14	30	8	1.54	1.07	0.88	27	11.0	9	28	5	1	0
PORTAL	AM	29.3	7.4	18.4	- 1.0	49	20+	-25	7	1439	0	17	30	12	0.98	0.31	0.36	23	9.0	11	4+	3	0	0
POWERS LAKE 1 N		28.3M	9.2M	18.8M		47	24	-25	7	1427	0	17	30	10	0.81		0.27	27	13.5	6	28	4	0	0
RAUB 10 SSW		35.0	14.9M	25.0M		62	24	-17	11	1238	0	11	29	4	0.71		0.60	27		7	27+	1	1	0
RICHARDTON ABBEY		40.3	17.9	29.1	3.6	65	24+	-13	11	1104	0	10	30	4	0.98	- 0.07	0.33	27	9.0	3	10+	3	0	0
STANLEY		29.3	10.3	19.8		50	24	-21	11	1396	0	18	31	9	1.31		0.77	27		15	27	3	1	0
TIOGA 1 E	AM	29.5	8.2	18.9		53	25	-23	11	1425	0	17	30	10	1.08		0.21	23+	12.0	5	6+	6	0	0
WATFORD CITY		38.7	15.1	26.9	1.3	67	24	-21	11	1174	0	9	30	5	1.38	0.53	0.58	10		8	10+	3	1	0
WATFORD CITY 14 S		41.9M	15.4M	28.7M		67	31	-19	11	1138	0	7	29	5	0.46		0.17	27		4	10+	3	0	0
WILLISTON WB CITY	R //	35.8	16.6	26.2	- 0.3	64	24	-16	11	1194	0	13	27	5	0.76	0.01	0.27	9	6.1	5	10+	3	0	0
DIVISION				25.7											0.77				8.1					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	1.19		T		.02		.23	T									T	.04	T					.06			T	.15	.62	.07		
ADAMS 7 S	2.38				.12		.15	T						.04	T	.03	T			T			.14				.03	1.20	.67			
ALEXANDER	.74			.02	T	.11				T	.30																	.13	.18			
ALMONT 7 SW	.97			.06		.06					.18			T			.02	.07	.08				.06	.09		.03		.20	.11	.01		
AMBROSE 3 N	.50			T		T	.05																.15	.14				.11	.05			
AMENIA	1.44				.08		.07		.02								.10	.02						.10			.04	.18	.75	.08		
AMIDON	.12		T		T		T				T			T		.02	T						T					.08	.02	T		
ARVILLA STATE PARK	1.06				.14		.15										T							.11				.12	.54			
ASHLEY	.89				.05	T					T						T	.05	T				T	.06				.57	.14	.02		
BALTA	1.56		T		.14	T	.19	T	.04	T	.08					.04	.05						.07	.11			.12	.49	.20	.03		
BANTRY	.69																.05							.05				.07	.40	.12		
BEACH	.25	T	T	.01	.01	T	.01	T		T	.07	T		T		.02	.03		T					.01				T	.04	.05		
BELCOURT INDIAN RES	1.35				.05		.14	T	T								.01		T				.04	.06			.05	.41	.50	.09		
BELFIELD	.84		.09	.06							T							T					T	T	.03	.38	T	.26	.02			T
BERTHOLD	1.54			.03		.11	T				.01						.01	.04					.15	.10				.89	.20	T		
BEULAH	1.03				.06	T	T				.34	T		T				T							.04			.32	.26	.01		
BISBEE	01.71				T	.13	.10																	D.10				.52	.84	.02		
BISMARCK WB AP R//	1.21			.05		.12	T	T	T		.15					.01	.03	.11					T	.02	T	.06	T	.41	.23	.02		
BISMARCK 12 ENE	.70				.03		.07				.10						T							T		.07		T	.42	.01		
BOTTINEAU	.49				.02		.03	.01	T	T	T			.01			.04		.03					.08	T			.02	.23	.02		
BOWBELLS	1.66				.08	T	T	T	T								T	.12					.34	.09				.92	.11	T		
BOWMAN COURT HOUSE	.31		.23	T								T												T	T			T	.08	T		
BOWMAN 11 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWMAN 30 NNW	.25		T			T	T				.05				T												.18			.02		
BURT 16 N	.87				.50						.21												.04	.08					.04			
BUTTE	.24				T		.01				.03	.01				T	T	.01	T				T	.03	T			T	.10	.05		
CARRINGTON	1.01				.08		.12	T	T		T	T	.04				T	T	T					.15	T			T	.44	.18		
CARSON NO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAVALIER	1.27		T		.03		.28	.01	.01							T	T	T					T	T				.21	.65	.08		
CENTER	1.10			T	.07	.04	T				.20			T									T	.09				.42	.28	T		
COLGATE	1.01				.05		.19				.07												.02	.06			.01	.19	.39	.03		
COLUMBUS	.53			.01		.02												.10					.12	.02				.22	.04			
COOPERSTOWN	1.18				.15		.10	T	T		T					T	.02		.04				T	.09			.02	.27	.46	.03		
COURTENAY	1.61				.06	T	.05	T			T	T				T	T	T	.01					T				.96	.50	.03		
CROSBY	.66		T	.01		.04	T							T			.02	.11					.14	.15				.11	.08	T		
DEVILS LAKE WB CITY R//	2.29	T	T	.14	T	.24	T	T	.02		.02			T		.03	.02	.05	T			T	.14	T			.01	1.24	.37	.01		
DICKINSON CAA AP R//	.66			.02		T	T	T	T	.12	.02	T		.01	T	.01	T	T				T	T	T			.12	.11	.25			T
DICKINSON EXP STATION	.57				.01		T				.12	T		T		.01	.03						T	.01	T			.20	.18	.01		
DONNYBROOK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRAKE	1.00				.04		.13	T	.03		.07	.04				.03	T	.10		.03				.08			T	.08	.24	.13		
DUNN CENTER 2 SW	.56				.02		.07				.04			T			.01						.02	T		.02		.28	.10	T		
ECKMAN 2 SE	.87				.05		.03	.01	T		T					.02		T						.13				.41	.17	.05		
EDGELEY EXP FARM	.67				.03		T											.06						T		.01			.55	.02		
EDMORE 1 W	1.47				T		.11		T							.03								.13			T	.40	.80			
ELGIN 5 S	.22				.05	T					.11	T	T			T	T						T	T		T		.02	.04	T		
ELLENDALE	.90				.02		T		T		.02							.08		T			.01	T				.41	.31	.05		
ENDERLIN	.32				T		T					T							.05					.08					.19	T		
EPPING	.66			.04		.04	.01		.01		.15						.10	.04					.01	.03				.16	.07			
FAIRFIELD	.53			T		.02	T			T	.04				T		.02	T					.06	.06				.28	.05	T		
FARGO WB AP R//	.91	T	T	T	T	.12	T	T	T		T		T	T			T	T	T			T	.04	T			.02	.58	.15	T		
FESSENDEN	1.30				.16		.24		T		.10					.01		.02	.02					.08				.36	.30	.01		
FLASHER	.48				T	.10					.05	.02							.06				T	T	.07		T		.18			
FLAXTON	1.22			T	.10	.02	T	T		.03	T						.01	.05					.27	.08	T		T	.59	.07	T		
FORBES 13 NW	.50				.05			T	T							T		.10					T	.08				.12	.15			
FORMAN	1.70				T	.09	.08		T									.39	.09									.56	.43	.06		
FORT YATES	.54			T	.05	.02					.06						T	T	T					.05				.17	.19	T		
FOXHOLM 7 N	.67			T	T	.04		T										.08					.04	.01	T			.40	.10	T		
FULLERTON	1.28				.10	T	T		T		T							.18					T			T		.52	.48	T		
GACKLE	.88				.08		T				.05						T	.14					T					.34	.27			
GARRISON	1.15				.08		.03	T	T		.19	T		T	T	.01	.01	.08	T				T	.12	.09			.22	.32			
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDEN VALLEY 10 S	.82		T			T	T															.03	.02	.25				.40	.12			
GRAFTON	1.86				.20		.26	.02	.08							.06	T						T	T				*	1.17	.07		
GRAND FORKS CAA AP R	1.39	T	T	.02	.03	.40	.08	T	.01				T	T		T	T		T			T	.06	T			T	.24	.50	.05		
GRAND FORKS UNIVERSITY	1.33		T		.09		.19	T	T	T				T		T	T		T				.01	.10				.22	.70	.02		
GRAND RAPIDS 1 N	1.59				T						T							.29	.02	.04			T	T				.60	.52	.12		
GRANVILLE	1.03			T	T	.05			T		T					T	T	.12					.27	T			T	.50	.09	T		
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRENORA	.20					.10																						.05	.05			
HAGUE	.63				.04						.06						.05	T					T					.40	.08			
HALLIDAY	.64			T		.02					.03							.06					T	T				T	.53	T		
HANKINSON R R STATION	.93						.12			T									T					.05					.56	.20		
HANNAH	1.08					.03	.12		.02								T						.02	.01			.04	.29	.55	T		
HANSBORO	.75					T	.05		T								T	T					T	T			T	.07	.54	.09		
HARVEY	1.05				.06	.07			.05						T													.03	.14	.70		
HETTINGER	.31		T	.05		T					.10							T					.02	.07					.07			
HILLSBORO	1.15	T	T	T	.10	.06	.02		.05		T	T	T				T		T				T	.14				T	.78	T		
JAMESTOWN CAA AP R//	1.40	T		.10	T	.01			T		.06			T		T	T	.09	T				.05	.01		T	.09	.38	.61	T		
JAMESTOWN STATE HOSP	.98				.10	.03					T							.05	.04				.05	.03			.07	.36	.25			
KEENE 2 S	1.23				.01	.14		.02		T	.31		T				.08			T			.02	.05				.24	.36			
KENMARE	1.37				.07		.05										T	.01	T					.20	.07		T	.57	.35	.05		
KENSAL WILDLIFE REFUGE	.75				.03		.08				.03							T	.02				T	.08			T	.14	.32	.05		
KILLDEER 8 NW	1.01						T			.05	.15			T									.05					.45	.27	.04		
KULM	.72					T					.04					.02		.10					.02	.02				.25	.24	.03		
LANGDON EXP FARM	2.23				.02		.36		.02				T				T		.03				.02	.06			.04	.28	1.20	.20		
LANSFORD	1.51				.08	.05		.02	.01							T	.02	.13					.16	.02				.47	.55			
LARIMORE	1.56				.10		.12									T			T					.32				.10	.92	T		
LEEDS	1.96				.10	T	.21	.01	T		T			T		.01	.02		T				.07	.07			.02	.65	.80	T		
LEFOR 10 E	.54			T						.04	.02			T									.01	T				.27	.20			
LINTON	.83				.06	T		T			.05			T			T	.04					.01	.03				.21	.32	.11		
LISBON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITCHVILLE	.82				.05		.03											.06						.04				.32	.32			
LOSTWOOD 12 N	.64				.01	.01												T	.04				.05	.07				.41	.05			
MADDOCK AGR SCHOOL	1.61				.12	T	.18	.02	.05		.02					.06	.05	T	T				.08	.06			.19	.34	.38	.06		
MANDAN EXP STATION	1.03				.05		.08				.17	.02				T	.04	.04	T					.02	.06	.04		.01	.44	.06		
MANDAN FT LINCOLN PARK	.97				.04	.17	T				.18												.02	.06				.22	.24	.04		
MARMARTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARTIN	.51				.04						.10																	.14	.21	.02		
MAX	1.97				.16		.05		T		.24	T				T		.18						.23	.16			.25	.39	.31		
MAYVILLE	1.58				.32	T	.14		.04		T					T	.02						.01	.17			.02	.16	.64	.06		
MC CLUSKY	.98					.23					.12					.02		.12					.03	.06				.23	.17			
MC HENRY 5 N	1.74				.03		.26		.07		.03					T	.02		.06				.05	.07			.12	.27	.63	.13		
MC LEOD 3 E	.88					.22	.15												.08				T			.03		.15	.25			
MC VILLE	1.12				.12	.16	T	T			T						T		T				T	.07				.26	.51	T		
MEDINA 1 W	.73				.06													.03										.34	.30			
MEDORA 3 NNE	O .54			.01		.01	T			D.13	.13	T			T	.04	T						T					.13	.09	T		
MEDORA 23 NNW	.24										T					T	.05				.02		.02					.10		T	.05	
MINOT CAA AP	1.01			.08		.05	.01	T		T	.07		T		T	.01	T	.01			T		.13	.01	.01		.02	.49	.12			
MINOT EXP STATION	.60				.02		.05	T			.02					.01	.01	.07	T				T	.03	.01		T	.10	.22	.06		
MOFFIT 4 SE	.74				.06	.03	.04				.03					T	T	.15					T	.02			T	.23	.18	T		
MOHALL	.66				.02	.03		T									T	T					.10					.37	.14	T		
MONTPELIER	1.02	T			.09	T	T		T		.01					T	T	.10	T				T	.04			.03	.32	.38	.05		
MOTT	.38			.05		T					.10							T					T	.02	T		T	.10	.11			
MUNICH 4 SW	2.01	T			.10	T	.12	T	T							T	T	T	T			T	T	.24			T	.28	1.10	.17		
NAPOLEON	1.07			.01		T					.10						T	.20					T	.10				.44	.22			

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.35			.09		T					.06						.04	T					T					.12	.04			
NEW ROCKFORD 7 WNW	1.73				.04		.19	T	T		T			.08			T	T	.11				.03	.12			.12	.45	.50	.09		
NEW SALEM 1 S	.90			.12		.07	T							T			.05	.04					.03	.08	T	.03		.35	.10	.03		
NEWTOWN	1.18			T	.04	.10	T				.10						.06	.10					.06	.05				.60	.07	T		
NOONAN	.59					T												T					.12	.04				.18	.25			
NORTONVILLE	.59																	.08										.34	.17			
OAKES	1.45				.03		.04			.02		.01					T		.11					.01		T			1.10	.13		
PARK RIVER	1.99				.09		.35		.03						T	T			T					.07				.20	1.15	.10		
PARSHALL	1.54			.01	.02	.10	T				.12				T	T	.01	.05					.12	.15			T	.88	.08			
PEMBINA 2 N	.73				.04		.20	T	.02																		.03	.07	.34	.03		
PETERSBURG	1.83				.11		.22	.02																.16				.21	1.04	.07		
PETTIBONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PINGREE	.79				.05		T				T							.05	T				T	.15				.48	.06			
PORTAL	.98				.21		T										T	T	.08				T	.36	T			.33	T			
POWERS LAKE 1 N	.81			.08		.07											.02	.10						.17				.27	.10			
PRETTY ROCK	.36			T				T			.07	T					T	.07			T		.05	T			T	.06	.11	T		
RAUB 10 SSW	.71									T	.06					T												.60	.05			
REEDER	.53		.02	.01							.08					T	T						T	.02				.02	.38			
REEDER 14 N	.19				T						T												.02						.17	T		
RICHARDTON ABBEY	.98			T	.05	T	T				.21	T		T	T	T	T	.02	T				.05	.09	T	.02	T	.33	.19	.02		
RIVERDALE	1.02				.04		.05	T			.18	.02		T	T	T	.01	.05	.01					.04	.07		T	.15	.36	.04		
ROLLA	1.29		T		.07	T	.13	T	.02				T				T	T	T				.05	.01			.03	.52	.40	.06		
RUGBY	1.91				.07	T	.10	.01	T		.01					.01	.03	.05					.10	.08			.01	1.07	.28	.09		
RYDER	1.22				.07		.02				.06					.04	.06	.07						.29				.48	.08	.05		
SAN HAVEN	1.12				.05		.05	T	T					.01			.03		.03				T	.03			.04	.29	.42	.17		
SCRANTON	.37		.09	.02					T	T	.07			T	T	T		T						.02				.07	.10	T		
SELFRIDGE 11 W	.66			T						.20								.16					T	T					.30			
SENTINEL BUTTE 20 S	.04		.04	T	T					T				T			T										T					
SHARON	1.38				.10		.11		.02		T			T			T						.05	.05			T	.20	.80	.05		
SHERWOOD 3 N	1.53			T	T	.10											T	.10					.16	.05				.50	.60	.02		
SHIELDS	.52				.03	.03					.08							.06					.05	.05				.17	.05			
STANLEY	1.31						.05				T						T	.08					.23	.18				.77	T			
STEELE	1.27				.05	T	.19				.12							.18					.03	.14				.31	.25			
SYKESTON	1.22				T		.16				T						T	T					T	T			T	.64	.24	.18		
TAGUS	1.32			T	.10	.04		T		T						T	.02	.03	.02				.10	.06			T	.55	.40	T		
TIOGA 1 E	1.08				.08		.18	T	T		T			T	.03	T	.04	T					T	.21	.10			.12	.21	.11		
TOLLEY 4 NE	.47			T	.02	.02		.01									T	T					.09	.01				.20	.12			
TOWNER	1.01				.18						.05						.06							.11				.37	.24			
TROTTERS 6 SE	.27			T		.02	T			.02	.05			T	T	.03	.02						.01			.05		.05	.02			
TURTLE LAKE	1.41				.02	.10	T	T			.30						.05	.05				T	.26				.27	.18	.18			
TUTTLE	.85				.09	T	.13				.04							.16				T	T	.02			.03	.06	.24	.08		
UNDERWOOD	1.05				.08		.04				.08	.08						.11	T					.02	.16			.16	.30	.02		
UPHAM 3 N	1.03			T	.07	.01	.05	.02							T		.13	.03					.12					.40	.20			
VALLEY CITY	1.31			.11	.07				.01								.01	.05						.08			.01	.11	.78	.08		
VELVA	.92				.02	.02	.05				.13					.02	.02	.18					.07	.05			T	.23	.10	.03		
VERONA	1.02																	.13	.02									.47	.40			
WAHPETON STATE SCHOOL	1.24					.T	.20	T									T							.12		.02		.26	.60	.04		
WALHALLA	2.55				.10		.41		T																		T	.84	.97	.23		
WARWICK	1.81		T				.35				T				T	T					T			.06				*	1.25	.15		
WASHBURN	.72			T	T	.09	T				.13						T	.02	T				T	.15				.20	.13			
WATAUGA S OAK 8 N	.42			T		T					.22			T										T					.20	T		
WATFORD CITY	1.38			.06		.09					.58					.04								.06				.28	.21	.06		
WATFORD CITY 14 S	.46			T		.06	T	T		T	.10						T	T	T									.17	.13	T		
WESTHOPE	1.12			.06		.04			T								.06						.14					.64	.18			
WILDROSE	.82			T		.15											.06	.09				T		.10	.06			.16	.20			
WILLISTON WB CITY R//	.76			.08		.03	.01		T	.27	.14			T	T	.02	T	T					.02	.01			.05	.03	.10	T		
WILLOW CITY	1.07			T	.05	.03	T				T		T				T	.12					.30				T	.35	.14	.08		
WILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISHEK	.26																											.12	.14			
WOODWORTH 5 E	.84				.13	.19	T	T	T	T	T				T			.10	T			T	T				T	.30	.12	T		
ZAHL	.34			.04		.05	T			T					.10		.05						.10					T				

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	41	35	31	40	33	20	22	42	35	29	5	29	28	27	37	44	40	40	46	55	43	35	34	61	53	57	47	28	30	40	56	37.5
	MIN	27	22	11	22	17	8	-5	-1	22	-4	-13	-9	7	1	12	29	32	19	24	31	30	27	27	28	30	31	27	16	12	16	27	16.9
AMENIA	MAX	29	31	30	38	31	22	10	17	27	12	3	22	20	16	30	38	38	33	36	44	41	35	32	45	45	39	38	30	29	29	37	29.9
	MIN	13	20	6	11	7	3	-5	-21	0	-1	-17	-22	8	-10	-4	12	16	22	22	25	30	17	21	9	30	29	29	22	22	9	12	10.2
AMIDON	MAX	49	40	37	36	41	31	18	34	42	38	8	12	33	26	30	39	45	41	47	59	56	43	58	65	64	72	65	37	21	37	57	41.3
	MIN	25	29	15	19	22	11	-7	-3	16	0	-13	-6	9	1	5	17	28	20	27	26	24	24	27	31	33	35	33	10	2	11	29	16.1
ARVILLA STATE PARK	MAX	30	31	24	41	24	18	-2	14	22	16	4	28	22	17	29	30	37	29	40	45	39	31	25	41	49	39	33	27	26	39	41	28.7
	MIN	13	6	-2	10	6	-2	-8	-24	-2	-8	-20	-23	3	-23	-18	10	15	16	1	23	27	2	10	-5	20	23	26	19	20	9	13	4.4
ASHLEY	MAX	39	37	33	38	38	27	6	36	32	28	2	23	23	23	32	37	35	37	41	49	48	35	32	55	55	58	42	30	24	32	43	34.5
	MIN	21	16	3	12	20	1	-10	-11	2	1	-16	-14	7	-7	6	20	26	18	15	28	26	22	23	22	32	29	29	15	13	-1	24	12.0
BEACH	MAX	49	42	36	37	42	32	17	32	41	39	6	12	32	28	29	39	47	42	49	64	56	43	62	61	73	67	63	38	22	35	61	41.8
	MIN	25	28	12	20	19	10	-8	-5	11	-2	-14	-10	7	4	5	11	30	21	26	29	27	29	29	34	35	37	34	11	5	9	29	16.1
BELCOURT INDIAN RES	MAX	31	33	25	32	29	5	8	26	25	19	2	17	20	14	20	35	36	34	36	48	43	30	21	41	48	43	28	26	25	28	36	27.9
	MIN	7	16	-10	9	3	-7	-12	-24	-5	-6	-17	-19	-5	-32	-20	12	15	17	9	21	27	11	10	10	30	21	23	17	13	9	17	4.5
BELFIELD	MAX	48	39	34	40	36	20	28	40	39	24	11	33	30	33	38	46	44	47	62	56	45	55	59	74	60			24	33	58		41.3
	MIN	23	27	12	20	16	12		11	11	-5	-13	-11	6	-5	-7	29	19		26	26	25	27	29	32	34		20	18	8	22	31	15.8
BEULAH	MAX	40	36	30	29	39	17	13	15	35	25	5	1	27	20	23	37	39	35	35	46	50	37	32	30	60	47	45	33	20	24	37	31.0
	MIN	0	14	5	10	11	6	-9	-10	3	-1	-22	-26	-14	-10	-5	-3	25	21	20	24	27	23	25	25	27	28	28	18	11	11	17	9.0
BISBEE	MAX	26	28	25	32	22	6	2	22	20	3	3	20	20	10	18	35	34	30	35	40	35	25	24	39	43	36	30	26	22	30	37	25.1
	MIN	12	12	-4	8	6	-6	-10	-16	-7	-5	-22	-20	0	-16	-11	12	12	16	0	18	25	6	13	15	27	23	25	18	13	10	16	5.5
BISMARCK WB AP	MAX	40	37	30	41	34	14	6	38	25	15	3	30	22	25	34	42	38	36	48	54	41	36	31	56	49	56	36	27	27	36	46	34.0
	MIN	23	11	8	16	14	0	-12	-6	0	-10	-22	-25	0	-9	12	30	30	21	21	32	25	26	27	29	32	30	26	18	17	14	28	13.1
BOTTINEAU	MAX	33	25	30	21	33	25	9	7	22	21	5	1	24	17	13	27	37	35	36	34	42	35	23	24	45	46	31	28	27	30	27	26.2
	MIN	12	12	-5	0	9	-5	-12	-13	-7	-3	-21	-20	-8		-7	4	18	12	12	20	28	13	17	13	24	28	23	20	13	11	17	6.8
BOWBELLS	MAX	39	30	25	38	36	10	8	23	24	20	2	26	22	23	31	36	37	37	47	47	37	32	25	47	44	43	36	28	31	35	41	31.0
	MIN	14	12	4	4	-2	-2	-20	-6	-2	-6	-17	2	-2	-1	0	27	28	16	26	17	26	21	16	22	18	26	28	19	5	15	26	10.1
BOWMAN COURT HOUSE	MAX	44	38	36	41	37	29	22	40	35	30	10	31	29	28	38	45	42	46	57	56	48	54	60	73	71	67	63	26	34	58	72	43.9
	MIN	25	29	13	20	23	11	-6	14	16	0	-10	-7	16	8	6	29	30	20	24	26	26	26	34	30	37	36	24	11	7	23	28	18.4
BUTTE	MAX	37	36	33		36	17	7	9	30			20	25	17	20	34	38	37	32	38	47	38	28	33								
	MIN	18	18	7		8	-4	-12	-13	5			-17	-6	-6	2	9	30	22	18	23	30	22	19	20								
CARRINGTON	MAX	38	32	32	28	38	26	2	1	26	23	4	0	20	20	20	32	34	36	28	38	40	35	30	28	40	45	35	31	29	24	30	27.3
	MIN	11	4	3	7	22	-4	-14	-16	-1	4	-18	-15	-5	-12	-3	15	21	21	12	15	30	17	19	16	26	29	28	29	18	6	10	8.9
CARSON NO 2	MAX																																
	MIN																																
CAVALIER	MAX	33	32	27	39	30	16	4	8	20	18	6	19	23	12	20	30	36	31	36	41	39	32	23	39	42	37	30	27	27	30	38	27.3
	MIN	10	6	4	14	10	-1	-3	-16	0	-8	-16	-23	3	-16	-15	6	15	20	3	20	28	6	2	1	24	18	25	20	21	20	13	6.2
CENTER	MAX	40	35	29	43	32	18	8	41	35	21	2	31	28	26	34	41	35	35	47	50	41	34	34	58	51	48	38	29	25	43	48	34.8
	MIN	19	10	3	19	16	-1	-10	-9	0	-4	-18	-25	6	-10	1	26	30	21	21	25	32	24	25	28	30	25	28	12	13	11	22	11.9
COOPERSTOWN	MAX	27	29	25		27	20	4	21	21	16	1	20	20	17	27	34	37	30	37	42	39	34	28	38	46	38	33	29	24	32	37	27.8
	MIN	13	19	-3		10	-2	-10	-20	-7	-1	-20	-20	3	-18	5	15	15	19	10	27	29	12	17	11	27	27	27	20	12	4	19	8.0
CROSBY	MAX	35	31	29	37	32	13	4	22	21	11	5	28	25	18	33	39	37	39	51	46	36	30	29	48	46	43	35	26	32	42	48	31.3
	MIN	10	10	1	13	-3	1	-18	0	-1	-9	-17	-13	-3	0	-1	29	31	20	28	33	27	23	20	26	27	32	25	16	7	20	31	11.8
DEVILS LAKE WB CITY	MAX	24	25	21	36	27	5	0	26	17	1	0	21	16	11	25	31	32	28	38	39	34	27	25	38	38	34	33	24	22	30	37	24.7
	MIN	11	12	2	14	5	-5	-12	-15	-5	-10	-21	-18	-4	-18	2	22	18	13	9	27	16	11	9	9	22	24	24	18	13	9	19	6.5
DICKINSON CAA AP	MAX	40	39	34	42	29	18	19	41	38	14	5	30	24	30	38	45	42	45	57	58	43	49	49	70	60	62	38	23	31	55	71	40.0
	MIN	26	17	16	23	10	0	-6	14	13	-7	-14	-5	8	5	7	30	28	23	25	29	28	27	31	31	32	33	20	15	10	23	30	16.8
DICKINSON EXP STATION	MAX	50	42	39	35	43	22	18	28	41	40	8	6	31	23	32	40	45	42	46	60	59	43	51	49	71	61	64	46	23	33	57	40.3
	MIN	22	25	14	20	18	10	-6	-5	13	2	-15	-13	6	0	0	6	28	22	27	27	29	28	29	31	32	35	33	16	11	15	28	15.7
DRAKE	MAX	37	35	35	28	39	18	9	7	33	23	8	0	24	17	19	33	39	40	34	36	44	34	27	29	45	42	33	31	24	28	32	28.5
	MIN	13	11	6	6	7	-6	-14	-16	-2	-1	-21	-19	-8	-12	-9	3	23	18	13	19	30	19	19	19	20	31	27	20	13	12	22	7.8
DUNN CENTER 2 SW	MAX	47	39	35	35	42	22	20	25	38	32	5	5	35	27	30	37	43	40	45	59	53	34	42	45	69	55	52	36	23	32	52	37.2
	MIN	19	22	10	15	10	-6	-11	-5	6	-2	-15	-12	5	1	5	7	31	21	24	28	28	25	26	30	30	30	31	18	10	10	22	13.4
ECKMAN 2 SE	MAX	39	33	30	26	38	23	8	9	21	22	6	2	25	21	11	33	44	38	34	41	44	35	25	28	48	47	32	30	26	26	32	28.3
	MIN	7	1	-3	-7	-1	-10	-19	-21	-7	-6	-19	-21	-6	-22	-19	-4	24	15	14	20	29	18	11	14	21	22	21	18	9	11	16	3.4
EDGELEY EXP FARM	MAX	34	38	38	29	41	39	12	9	34	36	11	6	25	24	25	36	41	41	32	42	50	41	36	32	52	54	53	35	23	26	29	33.0
	MIN	24	16	8	10	20	5	-8	-9	1	9	-11	-11		3	7	20	28	26	17	23	30	21	24	20	27	26	31	21	18	4	21	14.0
EDMORE 1 W	MAX	29	25	24	33	23	13	3	13	13	10	-4	17	19	10	19	29	33	31	35	38	37	26	24	37	41	37	32	33	24	26	33	24.8
	MIN	7	18	-8	10	3	-8	-8	-24	-15	-7	-29	-27	-4	-27	-16	7	15	8	3	25	25	5	15	0	20	21	25	17	12	1	17	2.6
ELLENDALE	MAX	40	41	35	41	37	35	12	28	32	29	10	20	25	25	29	40	40	37	41	48	45	39	34	51	56	56	50	32	29	33	43	35.9
	MIN	15	25	10	17	19	6	-8	-9	4	8	-12	-15	10	1	5	18	27	17	21	30	31	22	25	22	32	28	28	20	19	6	22	14.3
ENDERLIN	MAX	32	29	30	26	38	35	10	9	25	28	9	7	20	22	21	29	37	38	29	38	45	38	35	32	45	50	48	35	29	29	29	29.9
	MIN	5	13	1	2	4	5	-8	-15	-5	4	-13	-13	-10	-6	-1	2	19	25	22	23	32	19	24	17	24	28	30	23	22	5	19	9.6
FAIRFIELD	MAX	38	34	34	39	30	12	12	35	36	17	3	28	25	28	35	41	38	42	58	52	40	52	47	70	58	60	40	24	30	55	69	38.1
	MIN	23	21	10	19	8	2	-12	3	12	-3	-12	-17	10	2	6	28	26	20	25	34	32	27	30	32	32	33	24	14	9	23	30	15.8
FARGO WB AP	MAX	24	28	26	37	39	18	7	20	22	6	0	21	19	17	31	35	35	26	38	43	35	36	30	43	46	41	37	29	26	32	39	28.6
	MIN	15	15	3	18	17	-5	-11	-16	-2	-7	-17	-13	-5	-13	5	20	23	21	22	29	25	22	14	12	29	31	26	24	8	6	24	10.3
FESSENDEN	MAX	36	33	29	40	28	11	4	33	24	13	2	24	25	19	28	35	39	32	37	42	39	30	27	39	43	36	34	28	28	33	40	29.4
	MIN	26	1	1	18	10	-5	-18	-18	-4	0	-20	-20	-5	-12	5	20	20	12	6	29	30	15	18	15	28	28	28	20	10	7	20	8.5
FORMAN	MAX	34	32	34	38	40	34	10	29	30	24	8	21	23	20	30	38	39	34	40	47	42	34	33	47	54	53	46	29	28	34	38	33.6
	MIN	18	10	5	19	23	5	-8	-5	2	4	-13	-14	10	-3	8	22	22	26	20	30	31	25	24	21	34	28	29	18	18	3	19	13.9
FORT YATES	MAX	44	42	33	45	39	29	16	44	36	34	7	31	31	27	36	45	44	37	50	43	55	37	37	62	62	59	58	34	30			39.6
	MIN	28	24	10	12	22	9	-3	-2	10	4	-12	-9	16	0	9	29	30	24	22	29	32	26	28	29	36	32	32	20	17			17.4
FOXHOLM 7 N	MAX	39	34	28	39	31	12	9	27	22	20	3	26	25	19	32	39	38	39	47	48	43	36	27	50	47	39	36	30	27	35	42	31.9
	MIN	14	12	2	20	1	-4	-17	-12	-1	-3	-15	-12	0	-9	-8	29	30	20	24	32	30	20	17	23	27	34	28	18	9	12	27	11.2
FULLERTON	MAX	37	39	38	40	41	32	10	29	35	26	6	20	23	25	31	38	39	38	40	48	40	36	33	50	55	53	40	30	27	34	40	34.6
	MIN	19	11	5	14	19	3	-9	-11	1	2	-13	-17	9	-3	5	18	25	26	17	29	30	24	25	21	30	27	29	20	19	5	20	12.9
GACKLE	MAX	35	26	35	38	33	20	11	34	32	24	3	25	26	28	34	36	33	32	35	45	40	33	36	45	51	48	44	26	26	34	36	32.5
	MIN	14	5	8	11	14	0	-15	-12	8	3	-18	-15	4	8	10	23	18	20	14	26	24	22	20	28	31	30	26	17	17	9	26	12.1

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

NORTH DAKOTA
MARCH 1956

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	39	39	34	38	39	20	14	5	34	27	6	1	29	24	29	34	40	36	37	45	48	34	32	34	57	45	40	37	30	35	36	32.3
	MIN	12	15	9	9	10	4	-11	-11	3	-2	-18	-14	-5	-5	-5	0	30	21	23	28	31	24	24	24	30	33	29	20	15	10	15	11.2
GRAFTON	MAX	29	30	28	34	32	18	6	10	20	7	3	19	21	12	23	31	36	31	33	38	37	30	25	37	40	40	32	32	29	26	36	26.6
	MIN	15	2	-1	13	5	1	-2	-22	-8	-14	-22	-25	5	-25	-16	11	13	16	1	23	29	13	9	-2	20	19	27	20	23	11	16	5.0
GRAND FORKS CAA AP	MAX	26	31	24	37	25	16	6	13	23	1	1	22	16	15	26	29	35	26	35	40	34	34	27	38	44	35	34	28	25	31	38	26.4
	MIN	7	11	-4	14	9	-5	-15	-20	-9	-15	-23	-22	-15	-21	-3	16	17	17	19	27	21	14	1	0	20	22	25	21	8	8	17	4.6
GRAND FORKS UNIVERSITY	MAX	24	29	22	36	24	19	6	12	20	14	2	18	21	11	24	29	36	28	33	36	36	32	27	37	34	35	35	28	26	27	37	25.6
	MIN	10	17	0	15	8	-1	-5	-19	-6	-10	-23	-22	2	-21	-5	14	15	18	17	26	27	14	13	0	22	22	26	21	15	8	16	6.9
GRAND RAPIDS 1 N	MAX	38	40	32	45	39	29	10	30	35	24	5	23	24	25	32	38	39	32	41	46	46	34	35	46	54	52	45	28	28	34	42	34.6
	MIN	10	3	-1	5	19	4	-10	-16	-3	2	-14	-16	5	-6	10	18	18	26	17	26	27	20	25	20	28	29	28	21	18	1	19	10.8
GRANVILLE	MAX	41	32	29	44	32	13	5	30	22	15	4	26	27	25	32	37	38	35	43	47	44	31	28	51	47	39	35	29	21	39	43	31.7
	MIN	15	9	5	19	4	-11	-5	-11	-1	-20	-16	-15	0	-6	-8	25	27	18	20	23	28	18	18	20	27	27	27	18	11	11	26	9.7
GRENORA	MAX	39	36	35	39	36	11	9	30	28	16	5	30	31	24	35	41	40	41	56	51	42	38	40	60	55	49	45	37	32	56	55	36.8
	MIN	11	12	4	18	1	1	-17	3	4	-7	-19	3	7	7	1	30	29	16	29	32	30	21	24	29	30	31	21	17	12	20	29	13.9
HANKINSON R R STATION	MAX	33	34	27	28	40	35	13	10	29	25	13	6	25	22	15	33	38	40	30	40	45	39	34	33	47	52	50	35	30	29	30	31.0
	MIN	5	8	7	7	18	10	-7	-10	-8	5	-12	-12	-9	-4	-5	7	25	24	22	22	25	22	24	20	22	26	31	23	21	5	7	10.3
HANNAH	MAX	26	27	23	29	19	8	0	18	15	2	1	19	19	10	19	29	31	29	34	38	35	27	23	36	40	34	28	24	23	31	37	23.7
	MIN	11	13	-7	10	3	-8	-10	-23	-11	-14	-25	-17	-13	-24	-13	6	12	9	4	23	25	5	6	3	18	19	21	17	8	4	18	2.4
HANSBORO	MAX	30	29	24	37	26	5	0	24	15	4	3	18	20	18	18	33	32		34	42	35	22	22	39	45	35	28	24	22	26	34	24.8
	MIN	14	14	-2	12	4	-9	-15	-18	-3	-9	-18	-17	-3		-13	13	19		7	23	21	8	11	6	29	22	23	18	10	6	18	5.9
HETTINGER	MAX	42	38	34	42	32	25	21	41	37	32	9	34	29	28	39	47	43	47	54	59	45	48	50	72	63	67	47	30	32	52	70	42.2
	MIN	26	28	17	27	24	14	-3	9	18	-4	-7	-4	17	3	6	29	29	23	25	26	27	25	30	30	41	35	24	14	9	23	28	19.0
HILLSBORO	MAX	28	30	30	40	37	22	9	15	24	19	0	17	18	15	29	37	39	32	37	40	40	37	31	40	43	39	35	31	29	30	39	29.4
	MIN	12	18	7	11	16	8	-5	-18	-5	-6	-19	-22	6	-19	-7	11	15	20	20	22	28	19	21	4	29	12	21	26	21	9	12	8.6
JAMESTOWN CAA AP	MAX	34	36	26	38	31	7	5	32	31	11	1	22	20	22	30	34	37	31	42	46	39	34	29	45	49	41	33	27	23	30	36	29.7
	MIN	20	3	5	11	7	-10	-12	-13	1	-9	-14	-14	2	-1	13	26	25	14	14	30	23	22	16	18	29	30	26	19	12	7	21	10.4
JAMESTOWN STATE HOSP	MAX	33	35	28	39	32	22	6	34	30	18	2	24	22	22	32	35	37	32	42	48	41	35	35	46	48	43	39	28	23	30	36	31.5
	MIN	20	6	6	10	18	0	-11	-12	2	-1	-12	-16	8	-1	10	24	25	24	18	30	31	23	22	20	31	30	27	20	18	10	21	12.9
KENMARE	MAX	38	34	27	32	37	14	10	13	25	24	5	10	27	22	24	34	39	35	38	46	48	35	25	33	49	46	38	34	22	29	35	29.9
	MIN	14	13	7	10	0	-2	-18	-16	2	-3	-14	-2	0	-1	0	7	24	18	21	27	26	21	18	16	28	32	28	19	7	8	22	10.2
KENSAL WILDLIFE REFUGE	MAX	36	35	29	38	35	24	3	29	27	23	3	20	23	22	28	35	38	33	41	46	44	37	31	43	46	45	40	29	25	32	36	31.5
	MIN	20	4	4	19	18	-1	-12	-15	0	-1	-16	-13	2	-14	7	23	21	12	15	29	31	15	21	18	29	29	28	20	20	6	20	10.9
LANGDON EXP FARM	MAX	27	26	21	28	24	12	8	13	15	10	0	15	14	10	17	30	33	34	32	37	36	31	23	36	41	36	28	26	25	27	32	24.1
	MIN	11	15	-7	8	4	-8	-11	-21	-11	-15	-27	-25	-7	-19	-11	7	12	7	8	22	23	6	5	0	16	18	23	16	16	3	17	2.4
LARIMORE	MAX	28	30	24	38	26	17	10	13	20	13	0	19	21	16	26	32	36	30	35	38	38	39	26	37	46	36	33	27	27	30	36	27.3
	MIN	17	18	0	15	12	1	-5	-21	0	-3	-20	-20	3	-17	-10	11	19	18	6	23	28	11	13	-1	27	23	26	20	20	12	11	7.6
LEEDS	MAX	31	27	33	36	28	5	-1	26	22	16	-1	21	20	18	21	34	36	32	37	40	36	29	26	39	45	40	32	28	26	30	37	27.4
	MIN	10	10	8	13	3	-9	-10	-25	-7	-5	-22	-19	-9	-24	-10	15	19	14	8	25	29	6	14	7	18	25	26	18	14	4	20	5.4
LINTON	MAX	45	40	33	44	39	20	8	40	34	29	5	29	29	27	34	45	37	40	48	54	49	37	38	58	56	59	54	32	30	33	46	37.8
	MIN	9	10	1	2	19	6	-5	-9	0	5	-16	-21	14	-7	5	22	23	26	18	31	29	27	24	28	36	34	32	24	17	7	22	13.3
LISBON	MAX	35	27	29	40	40	39	9	26	28	27	6	16	19	19	26	34	38		39	44	44	36	35	45	52	45	35	35	28	30	35	32.0
	MIN	15	5	0	8		3		-18	2		-14	-14	7		-6	22	22	27	21	26	30	20	25	12	27	27	32	22	18		20	13.1
LOSTWOOD 12 N	MAX	31		26	34	34	14	10	21	21	20	-2		26	25	23	35	40	35	42	44	43	31	26	47	50	43	37	30	33	33	40	30.8
	MIN	15		1	16	-6	-3	-20	-9	-2	-6	-22		-16	1	-2	22	22	12	23	32	24	16	15	24	27	21	20	16	7	16	26	9.3
MADDOCK AGR SCHOOL	MAX	31	26	25	35	27	13	0	27	20	16	2	23	23	10	25	35	37	32	37	41	37	30	24	40	42	38	32	27	26	31	37	27.4
	MIN	13	12	-2	10	9	-9	-17	-20	-5	-2	-21	-22	-6	-23	0	15	12	11	3	22	28	9	17	11	26	26	27	19	14	8	19	5.9
MANDAN EXP STATION	MAX	42	41	37	33	42	41	13	15	41	30	4	2	30	22	26	36	41	38	35	47	54	40	35	35	56	50	54	35	24	26	36	34.2
	MIN	22	18	8	14	20	8	-7	-7	5	1	-13	-14	2	-7	1	16	32	24	20	28	33	25	26	26	32	30	31	22	16	15	25	14.6
MANDAN FT LINCOLN PARK	MAX	45	42	31	42	36	27	14	42	35	21	5	33	30	25	33	45	41	38	47	48	42	36	35	56	57	55	45	28	27	37	46	36.9
	MIN	20	16	2	22	15	5	-10	-11	1	-1	-16	-27	10	-9	10	24	20	21	17		26	23	24	26	30	27	28	15	13	14	26	12.0
MARMARTH	MAX		40	42	40	35	28	25	41	39	30	11	32	31	32	41	51	46	52	65	58			65	75	72		66			65	76	46.3
	MIN		32	19	23	23	15	-3	20	16	3	-7	-6	2	8	4	32	33	22	23	25	30		33	33	33	41		15	9	28	45	19.7
MAX	MAX	40	40	33	22	38	19	12	9	32	28	7	0	26	23	23	33	40	37	38	44	45	36	30	31	51	42	39	38	23	27	35	30.4
	MIN	12	9	5	9	7	0	-14	-14	-2	-3	-18	-17	-8	-9	-8	-2	28	17	19	22	29	23	22	22	31	33	29	21	11	13	18	9.2
MAYVILLE	MAX	28	29	22	38	29	19	8	14	14	11	-1	18	21	15	25	29	37	30	35	42	38	31	27	40	44	39	34	29	27	33	34	27.1
	MIN	13	20	4	15	7	1	-6	-18	-2	-5	-20	-19	5	-18	-2	16	17	19	21	26	26	11	11	0	28	26	29	22	22	9	24	9.1
MC CLUSKY	MAX	37	35	26	39	34	15	4	34	27	14	1	26	24	20	28	38	38	33	38	43	38	31	30	43	41	39	34	28	27	32	39	30.2
	MIN	14	12	3	15	12	-1	-15	-17	-3	-4	-19	-19	4	-14	7	22	26	13	12	27	28	15	22	23	30	30	28	17	13	12	25	10.3
MC HENRY 5 N	MAX	31	27	24	39	27	18	1	27	22	13	-2	19	21	19	30	33	35	31	36	40	36	31	25	39	45	37	32	27	22	26	33	27.2
	MIN	14	16	0	10	11	-3	-13	-19	-9	-2	-21	-21	2	-16	1	12	18	17	6	26	27	8	16	9	25	25	26	18	17	6	17	7.1
MC LEOD 3 E	MAX	28	31	28	37	35	32	9	24	27	18	9	20	24	17	32	38	39	34	39	46	42	36	33	48	50	49	46	33	34	30	37	32.4
	MIN	6		2	15	13	6	-10	-18	-1	4	-18	-18	4	-12	-1	18	16	21	20	26	30		24	17	30	28	30	28	24	1	19	10.5
MC VILLE	MAX	27	27	23	37	25	15	2	20	18	11	-1	18	21	16	27	31	36	28	37	42	39	29	24	39	40	34	32	26	23	33	35	26.3
	MIN	12	17	-5	11	9	-5	-9	-23	-6	-3	-22	-22	2	-20	-4	12	19	15	7	27	26	10	14	6	25	24	25	18	15	5	18	6.3
MEDORA 3 NNE	MAX	45	39	39	46	44	29	22	42	39	31	11	33	33	32	40	46	43	50	65	58	48	60	61	75	68	65	61	28	34	61	74	45.9
	MIN	26	28	13	25	18	10	-6	15	7	0	-11	-18	6	-4	-7	31	29	19	28	26	29	30	33	34	31	31	27	15	12	26	30	17.2
MINOT CAA AP	MAX	36	30	29	40	30	7	2	27	19	8	1	25	21	20	32	38	35	38	45	50	38	27	27	50	44	35	32	25	22	35	43	29.4
	MIN	17	17	10	24	4	-5	-14	-2	4	-8	-14	-10	3	-2	2	30	30	22	27	34	24	23	18	25	30	28	24	16	10	13	30	13.2
MINOT EXP STATION	MAX	37	36	32	29	37	12	8	12	28	20	5	1	25	19	20	34	39	36	37	44	50	38	27	33	50	46	38	31	23	25	34	29.2
	MIN	16	16	9	12	5	-5	-13	-12	3	-3	-15	-12	-1	-2	-5	5	30	22	23	28	29	22	18	19	28	30	28	19	9	10	17	10.6
MOFFIT 4 SE	MAX	43	43	32	40	29	19	7	37	34	19	3	28	27	23	31	39	38	35	41	52	41	37	34	54	54	52	51	33	27	31	36	34.5
	MIN	20	8	1	14	16	2	-15	-20	-5	1	-20	-20	8	-16	2	23	26	23	15	30	30	20	24	27	30	28	30	18	16	7	25	11.2
MOHALL	MAX	38	30	26	39	33	11	5	26	21	13	3	27	26	16	34	39	37	38	47	48	38	33	36	48	44	41	31	28	26	34	43	30.9
	MIN	14	13	4	18	2		-17	-12	0	-5	-17	-15	1	-10	-1	29	28	18	23	31	28	21	16	18	29	27	27	18	12	12	22	11.1
MOTT	MAX	42	39	35	43	34	23	19	42	38	31	8	35	31	30	40	46	42	44	54	59	46	45	45	68	60	64	53	28	33	52	68	41.8
	MIN	25	28	15		20	12	-3	7	15	5	-8	-5	18	2	9	31	27	24	25	26	28	27	30	30	35	34	28	16	12	22	28	18.8
MUNICH 4 SW	MAX	25	23	19	27	19	7	7	21	20	11	12	18	18	9	17	28	30	28	33	35	33	25	25	34	39	33	27	25	21	25	32	23.4
	MIN	3	10	-12	8	-1	-11	-19	-21	-16	-14	-30	-31	-8	-22	-17	4	6	5	-2	12	18	-2	1	-4	17	17	20	13	9	-1	12	-1.8

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	42	35	28	40	37	18	4	37	32	23	1	22	26	20	29	38	37	30	41	45	42	35	33	50	53	51	45	30	26	34	43	33.1
	MIN	15	11	1	17	17	-1	-12	-11	0	-3	-17	-16	8	-5	7	22	25	19	13	31	29	22	24	23	32	31	29	15	15	4	25	11.9
NEW ENGLAND	MAX	42	37	35	43	35	22	20	42	38	30	8	32	28	30	40	47	42	45	57	57	43	50	53	72	61	63	55	26	33	57	73	42.5
	MIN	26	27	16	21	20	12	-4	12	14	0	-10	-8	13	0	10	31	29	21	25	26	28	27	30	31	34	35	25	14	10	23	29	18.3
NEW SALEM 1 S	MAX	40	37	31	39	32	17	8	40	35	21	5	30	25	25	34	42	38	35	46	55	42	35	35	59	52	55	41	26	27	38	51	35.4
	MIN	24	20	11	17	15	6	-8	-5	11	-7	-15	-10	7	1	9	28	32	25	22	29	27	25	26	28	31	29	25	18	13	14	25	15.3
NEWTOWN	MAX	40	33	29	42	39	17	11	28	27	20	1	29	28	20	39	39	38	41	55	51	40	37	31	51	48	46	41	30	34	38	48	34.5
	MIN	19	14	8	23	9	4	-14	-3	-1	-1	-18	-11	5	6	2	30	31	21	25	31	30	25	25	21	29	33	29	19	11	16	30	14.5
OAKES	MAX	36	33	32	32	41	38	12	9	26	28	10	6	18	24	20	29	38	38	31	39	44	40	36	34	49	54	54	37	25	27	35	31.5
	MIN	2	8	6	8	12	5	-10	-16	-4	5	-13	-17	-12	-5	-2	9	23	26	17	22	29	23	24	20	29	28	31	22	20	2	10	9.7
PARK RIVER	MAX	33	30	26	35	26	11	7	8	20	17	2	16	20	14	26	30	35	34	35	38	39	33	33	37	48	40	32	29	26	28	35	27.2
	MIN	15	10	1	11	10	0	-3	-19	0	-8	-17	-14	6	-16	-8	12	20	18	9	22	27	22	11	2	25	22	28	20	19	10	13	8.0
PARSHALL	MAX	36	32	29	39	35	15	7	29	29	19	0	29	25	22	35	38	37	37	48	50	44	35	32	56	49	46	40	29	31	39	45	33.5
	MIN	16	6	6	12	5	4	-18	-8	-4	-1	-21	-14	4	-4	-4	29	28	18	25	30	30	25	25	28	28	33	29	19	9	15	29	12.2
PEMBINA 2 N	MAX	26	26	25	33	37			5	15	9	7	20	15	12	24	27	32	32	33	39	39	31	27	35	41	41	33	29	29	33	38	27.3
	MIN	6	2	5	8	5	0	2	-22	-12	-18	-25	-20	1	-20	-23	4	19	21	9	27	25	2	3	4	15	18	20	22	23	13	11	4.0
PETERSBURG	MAX	28	26	21	34	24	12	5	12	18	14	-5	16	17	9	24	31	33	30	32	38	36	30	25	36	41	35	30	24	22	28	32	24.5
	MIN	8	17	-6	11	9	-5	-11	-22	-8	-6	-23	-22	-6	-19	-6	9	17	11	7	24	24	7	9	5	22	21	23	16	14	5	14	4.5
PETTIBONE	MAX																																
	MIN																																
PORTAL	MAX	37	29	25	30	34	13	10	17	19	23	7	8	25	20	16	33	35	34	41	49	42	31	25	39	49	44	35	30	32	36	39	29.3
	MIN	12	10	3	13	-5	0	-25	-22	-3	-10	-23	-18	-6	-9	-4	6	28	11	17	33	26	22	17	19	30	31	27	18	-5	15	22	7.4
POWERS LAKE 1 N	MAX	30	27	30	37	25	8	6	22		0	-5	24	24	22	30	36	34	36	46	45	35	25	27	47	42	35	35	25	28	34	40	28.3
	MIN	7	2	3	13	-1	-12	-25	-10		-10	-23	-10	-8	-3	-4	28	28	14	23	32	22	22	18	23	32	28	25	16	5	16	26	9.2
RAUB 10 SSW	MAX	39	36	28	40	37	14	10	35	29	14	11	30	25	23	35	40	40	40	52	52	40	35	33	62	49	46	40	30	29	40	50	35.0
	MIN		19	18	10	10	5	-11	1	10	-8	-17	-11	9	3	3	33	32	22	22	31	26	25	23	30	29	33	29	19	10	11	31	14.9
RICHARDTON ABBEY	MAX	43	38	32	42	37	19	14	41	39	30	5	30	29	30	39	44	42	41	55	55	49	41	40	65	61	58	55	29	31	50	65	40.3
	MIN	26	27	14	23	17	7	-7	5	16	-1	-13	-7	14	5	7	31	32	24	26	29	29	26	29	29	30	33	28	16	11	20	29	17.9
RIVERDALE	MAX	42	38	33	31	40	19	12	13	36	26	5	0	28	22	20	34	38	35	35	45	47	38	32	32	55	46	42	35	23	24	35	31.0
	MIN	16	19	9	10	10	4	-9	-9	7	-2	-18	-16	-5	-1	1	3	30	20	21	26	31	25	25	25	29	32	29	21	11	13	18	12.1
ROLLA	MAX	30	34	23	29	23	3	-3	24	20	9	3	18	20	14	21	37	34	30	36	45	35	25	22	41	44	35	28	25	23	29	38	25.6
	MIN	15	16	1	11	3	-9	-12	-17	-2	-9	-16	-12	0	-15	-10	15	21	15	6	21	23	9	11	7	30	21	23	17	11	10	17	6.5
RUGBY	MAX	35	30	27	39	33	12	6	30	23	17	4	25	25	14	23	36	36	36	37	42	39	32	26	42	42	39	32	28	26	30	39	29.2
	MIN	14	10	12	10	6	-10	-12	-14	-6	-2	-20	-18	-1	-20	-1	18	17	13	9	28	30	13	15	12	26	26	26	20	13	9	20	7.8
SAN HAVEN	MAX	32	33	25	35	33	10	11	26	24	19	5	18	20	12	17	36	37	38	37	47	40	30	20	42	48	39	26	25	29	28	35	28.3
	MIN	14	13	-2	10	7	-5	-11	-12	2	-4	-16	-18	2	-12	-9	14	22	13	12	24	28	13	14	11	32	22	24	19	12	8	19	7.9
SHARON	MAX	26	26	21	33	27	15	9	18	22	14	-2	19	20	14	25	34	35	30	35	39	36	30	26	37	48	36	32	28	26	29	34	26.5
	MIN	14	18	0	13	14	-4	-10	-18	-10	-2	-20	-20	-5	-9	-1	13	12	15	8	26	26	12	15	8	28	25	27	19	18	8	12	7.5
STANLEY	MAX	27	26	28	38	28	8	5	23	23	17	-1	25	22	18	33	37	37	40	47	44	35	27	26	50	42	38	32	29	29	35	41	29.3
	MIN	12	8	0	12	8	-4	-19	-8	-6	-5	-21	-17	0	3	5	27	27	15	22	28	25	21	18	24	28	28	25	14	6	19	25	10.3
STEELE	MAX	38	34	30	35	35	19	8	35	27	21	5	23	25	20	27	38	38	35	39	41	45	35	32	47	47	43	39	34	27	32	42	32.1
	MIN	15	10	0	9	15	-3	-17	-18	-5	0	-19	-20	4	-13	4	17	23	22	10	27	27	15	22	20	27	27	29	17	15	9	25	9.5
TIOGA 1 E	MAX	37	32	25	32	37	17	12	15	23	24	4	-1	25	25	16	33	36	35	38	46	45	35	32	32	53	45	40	33	22	30	38	29.5
	MIN	10	8	1	10	2	0	-21	-22	-3	-6	-23	-17	-5	-2	-5	4	28	15	23	27	26	24	20	20	30	33	28	15	7	9	18	8.2
TOWNER	MAX	31	33	31	41	34	12	5	25	11	15	6	23	24	27	26	40	39	37	39	44	39	38	33	48	47	39	33	35	34	34	42	31.1
	MIN	12	13	-2	2	0	-20	-14	-5	-15	-2	-23	-23	-11	-20	-12	20	20	14	12	28	22	22	15	15	32	27	21	19	12	12	20	6.2
TURTLE LAKE	MAX	39	35	26	39	38	23	10	35	30	25	5	26	26	22	35	38	40	38	40	43	36	32		50	42	39	33	27	27	35	42	32.5
	MIN	14	9	6	19	10	-2	-16	-11	-1	-4	-22	-18	2	-10	15	16		17	17	29		22	25	29	30	28	16	13	13	14	26	9.9
UNDERWOOD	MAX	40	38	29	29	42	19	12	12	35	28	5		24	26	25	34	39	36	37	45	45	37	33	33	53	43	42	40	23	26	37	32.2
	MIN	15	5	6	6	9	5	-10	-5	10	-2	-10	-10	-14	-5	1	7	24	11	17	20	28	20	21	22	28	31	27	19	11	12	19	10.3
UPHAM 3 N	MAX	38	34	28	39	31	20	7	28	22	17	12	27	25	17	28	39	39	40	41	44	39	32	24	49	48	36	32	29	30	35	45	31.5
	MIN	15	5	-4	11	3	-10	-11	-13	3	-18	-21	-19	-7	-22	-8	19	16	27	9	24	30	15	15	17	26	26	28	19	11	11	21	7.0
VALLEY CITY	MAX	31	30	32	40	38	24	7	24	28	27	3	24	24	23	30	37	40	37	38	45	43	36	36	39	48	44	40	30	30	34	38	32.3
	MIN	15	12	5	20	12	3	-8	-16	-2	2	-14	-14	9	-8	3	24	22	22	21	30	32	22	22	17	28	28	28	22	21	10	22	12.6
VELVA	MAX	39	34	27	40	38	15	7	31	21	20	2	28	26	21	30	40	40	34	44	50	46	35	27	53	48	42	34	30	24	36	43	32.4
	MIN	19	9	5	23	8	-3	-11	-9	0	-3	-14	-15	4	-12	-6	27	30	23	25	34	31	20	20	23	29	29	30	19	13	16	30	12.7
WAHPETON STATE SCHOOL	MAX	32	29	26	38	39	36	15	22	29	22	10	24	27	20	32	38	39	37	37	43	42	35	35	45	53	46	46	34	32	32	39	33.4
	MIN	13	17	2	15	21	7	-5	-15	-1	4	-15	-12	8	-11	3	16	20	22	17	28	29	22	24	18	30	28	29	23	19	4	20	12.3
WASHBURN	MAX	40	35	28	42	38	18	8	38	26	21	2	32	30	24	33	40	38	36		50	41	38	34	52	52	43	39	33	26	38	47	34.1
	MIN	22	25	9	22	15	1	-11	-8	4	-4	-15	-15	9	-5	9	27	30	22		30	32	23	25	27	31	33	31	17	15	16	29	14.9
WATFORD CITY	MAX	40	33	35	43	33	12	14	34	31	23	4	31	27	26	37	40	46	46	62	52	42	48	46	67	59	56	38	26	33	53	62	38.7
	MIN	22	22	12	18	10	3	-12	6	4	-4	-21	-16	7	-5	3	31	22	22	28	31	29	27	28	32	31	33	24	20	8	21	32	15.1
WATFORD CITY 14 S	MAX	50	38	36	46	45	20	15	39	37	27	6	33	30	31	41	44	43	46	64	58	53	51		61	60	57		29	33	56	67	41.9
	MIN	21	20	14	22	14	4	-10	7	5	-4	-19	-15	10	-4	4	32	24	21	26	32	30	30	32	35		29		18	8	25	34	15.4
WESTHOPE	MAX	32	29	23	38	15	5	4	23	22	5	1	25	15	10	22	37	37	33	37	40	36	30	23	47	43	37	31	25	26	32	38	26.5
	MIN	12	4	-1	10	-1	-8	-16	-8	-7	-8	-22	-19	-8	-17	-7	18	21	15	12	25	28	18	16	15	29	25	23	17	8	13	23	6.8
WILLISTON WB CITY	MAX	38	30	35	44	20	11	13	31	25	4	2	28	28	24	38	41	41	45	61	53	43	42	42	64	54	51	36	23	32	55	57	35.8
	MIN	25	15	12	15	6	-2	-11	13	3	-7	-16	-10	6	6	5	32	32	24	32	34	30	29	29	34	32	34	23	18	12	25	35	16.6
WILLOW CITY	MAX	32	30	22	38	27	12	3	26	25	11	2	24	21	8	22	39	40	35	41	43	38	24	22	46	47	36	32	27	30	30	39	28.1
	MIN	11	8	-8	0	-1	-9	-13	-15	-7	-7	-21	-28	-7	-26	-13	18	20	10	3	21	22	9	13	13	24	25	25	18	13	8	20	4.1
WILTON	MAX																																
	MIN																																
WISHEK	MAX	39	37	32	37	40	28	6	36	35	29	4	21	25	20	30	38	38	34	40	47	45	35	33	52	54		46	31	33	40	46	34.4
	MIN						1	-11	-13	3	2	-16	-17	9	-2	2	22	27	26	10	29	30	21	24	23	30		30	20	15		24	12.0

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MARCH 1956

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL			1.0		1.0					3.2			0.5				0.2	1.3				0.8	1.0				1.6	1.3			
	SN ON GND	9	8	9	9	10	10	10	8	7	10	10	10	10	10	10	8	6	7	4	2	2	3	4				1	3	3	1	
AMENIA	SNOWFALL				1.0		1.0		0.2								1.0	0.2						-				2.0	10.0			
	SN ON GND	10	9	9	10	10	11	11	11	11	11	11	11	11	11	10	10	5	4	3	3	2	2	2	1	1	1	1	10	8	7	4
AMIDON	SNOWFALL		T		T		T				T			T		1.0	T						T						1.0	T		
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	T	T	T			T						1	1	T	
ASHLEY	SNOWFALL				0.5	T					T						T	T	T				T	0.5				5.5	4.5	T		
	SN ON GND	6	5	5	6	6	6	6	6	5	5	5	5	5	5	5	4	3	2	2	1	1	1	1				6	10	10	10	6
BEACH	SNOWFALL		T		T		T				1.0	T		T		0.5	1.0												2.0	1.0		
	SN ON GND	T	T	T	T	T	T	T	T	T	1	1	1	1	T	1	1												2	2	T	T
BELCOURT INDIAN RES	SNOWFALL				1.0		1.0	T	T								T		T				0.7	2.0			1.0	9.0	5.0	1.0		
	SN ON GND	13	12	12	13	13	14	14	14	14	14	14	14	13	13	13	12	12	12	11	10	10	10	12	10	9	10	19	24	25	25	23
BELFIELD	SNOWFALL		-								T																	-	-			
	SN ON GND	1	2	1																												
BEULAH	SNOWFALL				T	T	T				7.0	T		T														3.0	3.0	T		
	SN ON GND	3	2	1	T	T	T	T	T	T	7	7	7	6	5	4	4	3	2	1								3	4	3	2	
BISBEE	SNOWFALL				T	1.0	1.0																	1.0				5.0	8.0	T		
	SN ON GND	22	22	22	22	23	24	24	24	24	24	24	24	24	24	24	23	23	23	22	20	20	20	21	18	12	12	17	25	25	25	24
BISMARCK WB AP	SNOWFALL			0.5		1.2	T	T	T		2.7					0.2	T	T					T	0.2				4.1	2.7	0.2		
	SN ON GND	6	5	4	5	4	5	5	5	5	6	7	7	7	7	7	5	3	2	2	1	T	T	T	T	T			2	5	4	2
	WTR EQUIV	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.1									-	-	-	-
BOTTINEAU	SNOWFALL				0.2		0.3	0.1	T	T	T			0.1			0.4		0.3					0.8	T			0.2	3.0	0.3		
	SN ON GND	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	13	13	12	10	10	13	13	12	11
BOWBELLS	SNOWFALL				1.0	T	T	T	T									1.0					3.0	1.0				6.0	2.0	T		
	SN ON GND	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	5	4	7	7	6	5	4	10	11	10	9	8
CENTER	SNOWFALL			T	0.5	0.5	T				4.0			T									T	1.0				4.2	2.8	T		
	SN ON GND	4	4	4	5	5	5	5	5	5	9	9	9	9	8	8	4	4	4	3	2	1	1	2	T	T	T	4	7	5	4	1
CROSBY	SNOWFALL		T	0.1		1.0	T							T			T	1.0					1.5	2.5				1.0	1.6	T		
	SN ON GND	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	2			1	4				1	2			
DEVILS LAKE WB CITY	SNOWFALL	T	T	1.6	T	2.6	T	T	0.2		0.2			T		1.3	0.3	1.0	T			T	2.4	T			T	12.2	3.7	0.1		
	SN ON GND	17	17	17	18	18	20	19	19	18	18	18	18	17	17	19	17	16	16	15	13	10	8	11	8	5	4	4	16	20	19	17
DICKINSON CAA AP	SNOWFALL			0.2		T	T	T	T	1.2	0.2	T		0.1	T	0.1	T	T				T	T					T	2.5			
	SN ON GND	T	T	T	1	1	1	1	1	T	2	2	2	2	2	2	2	1	T	T	T	T	T	T					2	1	T	T
DICKINSON EXP STATION	SNOWFALL						T				1.0	T		T		1.0	3.0						T		T				-	T		
	SN ON GND	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	T			T						2	2		
DUNN CENTER 2 SW	SNOWFALL				0.3		1.8				1.0			T			T						0.6	T				2.0	1.0	T		
	SN ON GND	1	1	1	1	1	3	3	3	2	3	3	3	3	2	2	2						1					2	3	2		
EDMORE 1 W	SNOWFALL				T		1.5		T							1.0								2.0			T	4.0	9.0			
	SN ON GND	17	16	16	15	15	17	17	17	17	17	17	17	17	17	18	18	16	16	16	15	14	14	16	15	12	12	16	25	25	25	24
ELLENDALE	SNOWFALL				0.5		T		T		T							0.5					T	T				5.0	5.0	1.0		
	SN ON GND	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	T	T	T	T	T	T	T	4	7	6	4	2
FARGO WB AP	SNOWFALL	T		T	0.1	1.2	T	T	T		T		T	T			T	T	T				0.4	T			T	6.0	1.5	T		
	SN ON GND	7	7	7	7	6	7	7	7	5	5	5	5	5	5	5	5	5	4	3	3	2	1	1	1	1	T	T	6	8	8	7
	WTR EQUIV	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.8	0.7							0.7	0.8	0.8	0.8
FORT YATES	SNOWFALL				1.0	0.1					1.5													0.1					2.0	T		
	SN ON GND	5	4	4	4	3	3	3	2	2	4	4	3	3	3	2	1	1	1										2	2		
FOXHOLM 7 N	SNOWFALL			T	T	1.0		T															1.5	0.5				11.0	2.0	T		
	SN ON GND	4	4	4	3	4	4	4	4	4	4	4	4	4	4	3	2	2	1				2	2				10	11	10	9	6
FULLERTON	SNOWFALL				1.0	T		T		T								1.8										5.2	4.8	T		
	SN ON GND	6	5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	2	1	T	T	T	T				5	10	10	6	3
GARRISON	SNOWFALL				-		0.3	T	T		1.9	T		T	T	0.1	-	-	T				T	-	0.9			-	-			
	SN ON GND	8	7	6	7	6	-	-	-	-	-	-	-	-	-	6	-	-	-	-	4	-	3	-	-	1	-	5	9	7	4	2
GRAFTON	SNOWFALL				2.0		2.6	0.2	0.8							0.6	T						T	T				*	11.7	0.7		
	SN ON GND	22	21	21	23	23	26	26	26	26	26	26	26	26	26	27	26	24	23	22	21	20	20	20	19	17	17	-	29	29	29	28
GRAND FORKS CAA AP	SNOWFALL	T	T	0.2	0.4	4.0	1.0	T	0.1				T	T		T	T		T			T	0.6	T			T	2.9	5.0	0.5		
	SN ON GND	14	13	13	14	12	16	16	15	15	14	14	13	13	13	13	13	13	12	12	11	10	10	10	10	9	6	6	12	14	14	13
GRAND FORKS UNIVERSITY	SNOWFALL				1.0		3.5	T	T	T				T		T	T		T				0.1	1.1				3.0	6.4	0.2		
	SN ON GND	14	14	14	14	13	16	16	15	15	14	14	14	14	13	13	12	12	12	11	10	10	9	9	8	6	5	8	14	14	13	12
GRANVILLE	SNOWFALL			T	T	1.0			T		T					T	T	1.0					2.0	T			T	4.0	2.0	T		
	SN ON GND	16	16	16	15	16	16	16	16	16	16	16	16	16	16	16	15	15	15	13	11	10	12	12	10	8	7	11	13	13	12	10
HANSBORO	SNOWFALL					T	0.5		T								T	T					0.1	T			T	1.0	7.0	1.5		
	SN ON GND	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22	21	20	19	16	14	14	14	12	9	9	10	17	18	18	17
HETTINGER	SNOWFALL			0.1		T					2.0							T					0.3						0.3			
	SN ON GND	2	2	2	1	1	1	1	1	1	3	3	2	2	1	1	1	1	T	T									T			
JAMESTOWN CAA AP	SNOWFALL	T		1.0	T	0.1			T		0.6			T		T	T	0.4	T				0.5	T			T	4.0	7.0	T		
	SN ON GND	6	6	5	6	5	5	5	5	5	4	5	5	5	4	4	4	4	4	4	2	T	T	1	T	T	T	T	5	11	8	6
KENSAL WILDLIFE REFUGE	SNOWFALL				1.0		1.5				0.5							T	0.5				T	1.0				3.0	4.0	0.5		
	SN ON GND	10	9	9	8	7	8	8	8	7	7	7	7	7	7	7	6	5	4	2	2	1		1	1			3	6	6	5	3
KILLDEER 8 NW	SNOWFALL						T			1.0	3.0			T									0.5					0.5	5.0	1.0		
	SN ON GND	1	1	1	1	1	1	1	1	2	5	5	5	5	4	3	2	1											5	6	4	2
MANDAN EXP STATION	SNOWFALL				0.7		1.8				3.5	0.4				T	0.5		T					T	1.2			T	4.5	1.0		
	SN ON GND	8	7	7	7	7	9	9	8	8	11	11	11	10	9	9	9	7	5	4	3	3	3	3	2	T	T	T	4	5	4	1
MAYVILLE	SNOWFALL				2.0	T	1.6		0.4		T					T	0.3						0.1	2.5			T	1.5	6.0	0.5		
	SN ON GND	9	9	8	10	10	12	12	12	11	11	11	10	10	10	10	10	9	9	8	7	6	5	7	5	4	3	4	10	11	9	7
MC CLUSKY	SNOWFALL					3.0					2.0					0.1		2.0					0.1	0.5				2.5	3.0			
	SN ON GND	6	4	4	3	6	6	6	6	6	7	7	7	7	7	7	5	5	5	2	1	1	1	1	1	1	1	2	5	5	5	4
MC HENRY 5 N	SNOWFALL				0.3		3.0		1.0		0.3					T	0.3		1.0				0.8	1.0			T	3.0	7.0	1.5		
	SN ON GND	19	19	19	19	19	22	22	23	23	23	23	23	23	23	23	23	23	24	23	21	19	20	21	19	15	14	17	24	25	25	24

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEDORA 3 NNE	SNOWFALL					0.5	T			1.3	0.7	T			T	1.5	T						T						1.5	T		
	SN ON GND	1	T			1	T			1	2	2	2	2	1	1													2			
MINOT CAA AP	SNOWFALL			0.8		0.5	0.1	T		T	0.7		T		T	0.1	T	0.1			T		1.3	0.1	0.1		0.2	8.0	1.2			
	SN ON GND	2	1	1	1	1	2	2	2	2	2	3	3	3	2	1	1	1	T	T	T			1	1			1	9	9	9	6
MINOT EXP STATION	SNOWFALL				0.4		1.0	T			0.4					0.2	0.1	0.7	T				T	0.5	0.1		T	1.5	5.5	1.0		
	SN ON GND	9	8	8	8	6	7	7	7	7	7	7	7	7	7	7	7	4	3	2	1			1	1			2	7	8	8	5
MOHALL	SNOWFALL				0.5	0.8		T									T	T					1.0					10.0	4.0	T		
	SN ON GND	9	9	8	9	9	9	9	9	9	9	9	9	9	9	8	8	8	7	7	5	5	6	5	2			10	14	13	12	10
MONTPELIER	SNOWFALL	T			1.2	T	T		T		0.2					T		2.1	T				T	0.6				3.0	6.0	0.8		
	SN ON GND	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	T	T	T	T				3	9	10	8	5
MOTT	SNOWFALL			0.4		T					2.0												T						1.0			
	SN ON GND	1		T		T	T	T			2	2	2	2	2	1													1	1		
MUNICH 4 SW	SNOWFALL	T			1.0	T	1.0	T	T							T	T	T	T			T	T	2.0			T	2.0	10.0	2.5		
	SN ON GND	18	18	18	19	19	20	20	20	20	20	20	20	20	20	20	19	18	17	16	14	13	13	15	14	12	12	14	24	26	26	25
NAPOLEON	SNOWFALL			0.1							1.5						T	2.0					T	1.0				4.0	3.0			
	SN ON GND	10	10	10	9	9	9	9	8	8	9	9	9	9	9	9	9	11	11	9	7	6	6	6	3	1		4	7	7	5	3
OAKES	SNOWFALL				0.5		0.4			T		T					T		0.1										9.5	10.5		
	SN ON GND	5	4	4	5	4	5	5	5	5	5	5	5	5	5	5	4	3	3	3	2	1	1						10	11	10	9
PARSHALL	SNOWFALL			T	T	1.0	T				1.0				T	T	T	T					T	T				8.0	1.0			
	SN ON GND	2	2	2	1	2	2	2	2	2	3	3	3	3	3	2	2	1					T	T				8	9	8	4	1
PETERSBURG	SNOWFALL				1.3		2.6	0.3																1.5				1.8	8.1	0.5		
	SN ON GND	16	16	15	16	16	19	19	19	18	18	18	18	18	18	18	18	17	17	16	13	10	8	10	9	8	7	9	18	18	17	15
PRETTY ROCK	SNOWFALL			T				T		-	2.0	T					T				T		1.0	T			T	2.0	1.0			
	SN ON GND	5	5	5	5	4	4	3	3	3	5	5	5	4	4	4	3	3	3	2	2	2	2	1	1	1	1	3	3	2	1	1
RICHARDTON ABBEY	SNOWFALL			T	0.5	T	T				3.1	T		T	T	T	T	T	T				0.4	0.7	T			2.0	2.1	0.2		
	SN ON GND	1	1	1	T	T	T	T	T	T	3	3	2	2	2	1	T	T	T	T	T	T	T	T	T			T	2	1	T	
RIVERDALE	SNOWFALL				0.5		0.5	T			2.0	0.3		T	T	T	T	T	T					T	1.0			1.0	6.0	0.1		
	SN ON GND	4	3	3	3	3	3	3	3	2	4	4	4	4	4	4	4	3	2	1	1	T	T	T	1	T	T	1	6	5	4	2
ROLLA	SNOWFALL		T		0.5	T	1.5	T	T				T				T	T	T				0.5	T			T	5.5	4.0	0.5		
	SN ON GND	22	18	18	18	18	20	20	20	20	20	20	20	20	18	18	16	16	16	16	16	16	16	16	14	10	10	15	19	20	20	18
SAN HAVEN	SNOWFALL				0.7		0.6	T	T					0.1			0.4		0.4				T	0.3			0.3	3.2	4.6	1.8		
	SN ON GND	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	18	18	18	17	15	15	18	23	25	25	24
SHARON	SNOWFALL				2.0		1.3		0.5		T			T			T						0.5	0.5			T	2.0	8.0	0.5		
	SN ON GND	13	13	13	15	15	16	16	16	16	16	16	16	16	16	15	15	14	14	13	12	11	11	12	11	9	9	11	19	19	18	17
STANLEY	SNOWFALL						–				T						T	–					2.0	1.5				5.0	T			
	SN ON GND	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	11	13	11	10	10	15	14	14	11	8
UPHAM 3 N	SNOWFALL			T	0.5	T	0.5	T							T		1.0	T					2.0					4.0	3.0			
	SN ON GND	21	20	20	19	19	19	19	19	19	19	19	19	19	19	19	20	19	18	16	12	9	11	11	9	8	8	12	15	15	13	12
VALLEY CITY	SNOWFALL			1.0	0.6				0.1								0.1	0.5						1.0				1.0	8.0	1.0		
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WAHPETON STATE SCHOOL	SNOWFALL					T	1.5	T																1.5				3.0	6.0	0.6		
	SN ON GND	8	8	8	8	7	8	8	8	8	8	8	8	8	8	7	6	5	5	4	3	2	1	1				3	7	5	3	2
WESTHOPE	SNOWFALL			1.0		0.5			T								1.0						2.0					9.0	3.0			
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WILLISTON WB CITY	SNOWFALL			0.3		0.4	0.1		T	2.7	1.4			T	T	T	T						T	0.1			0.1	T	1.0	T		
	SN ON GND	1	T	T	T	T	1	1	1	1	5	5	5	5	4	4	3	T	T	T				T					1	1		
	WTR EQUIV										0.6	0.6	0.6	0.6	0.5	0.5	0.4															
WILLOW CITY	SNOWFALL			T	1.0	0.5	T				T		T					2.0					3.5				T	4.0	2.0	1.0		
	SN ON GND	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11	10	9	7	6	7	7	6	5	5	7	9	10	9	7

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 08	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0138	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond B. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Book	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	1482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Grees	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryezak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1840	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stublmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Leo J. Braun	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	10P	10P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. B. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	88 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disber	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 28	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	8P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1885	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	48 39	98 11	1467		6P	William B. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. B. Schafer	2 3 5
Mayville	5860	Traill	10	47 30	97 18	875	6P	8P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1508	7P	7P	C. B. Blaeky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina 1 W	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 38	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Ted C. Frank	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	8365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Koetek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. Oe Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry [illegible]. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Boltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David B. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. B. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin R. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Gruneeald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John D. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren D. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edsel R. Anderson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eiesinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundeen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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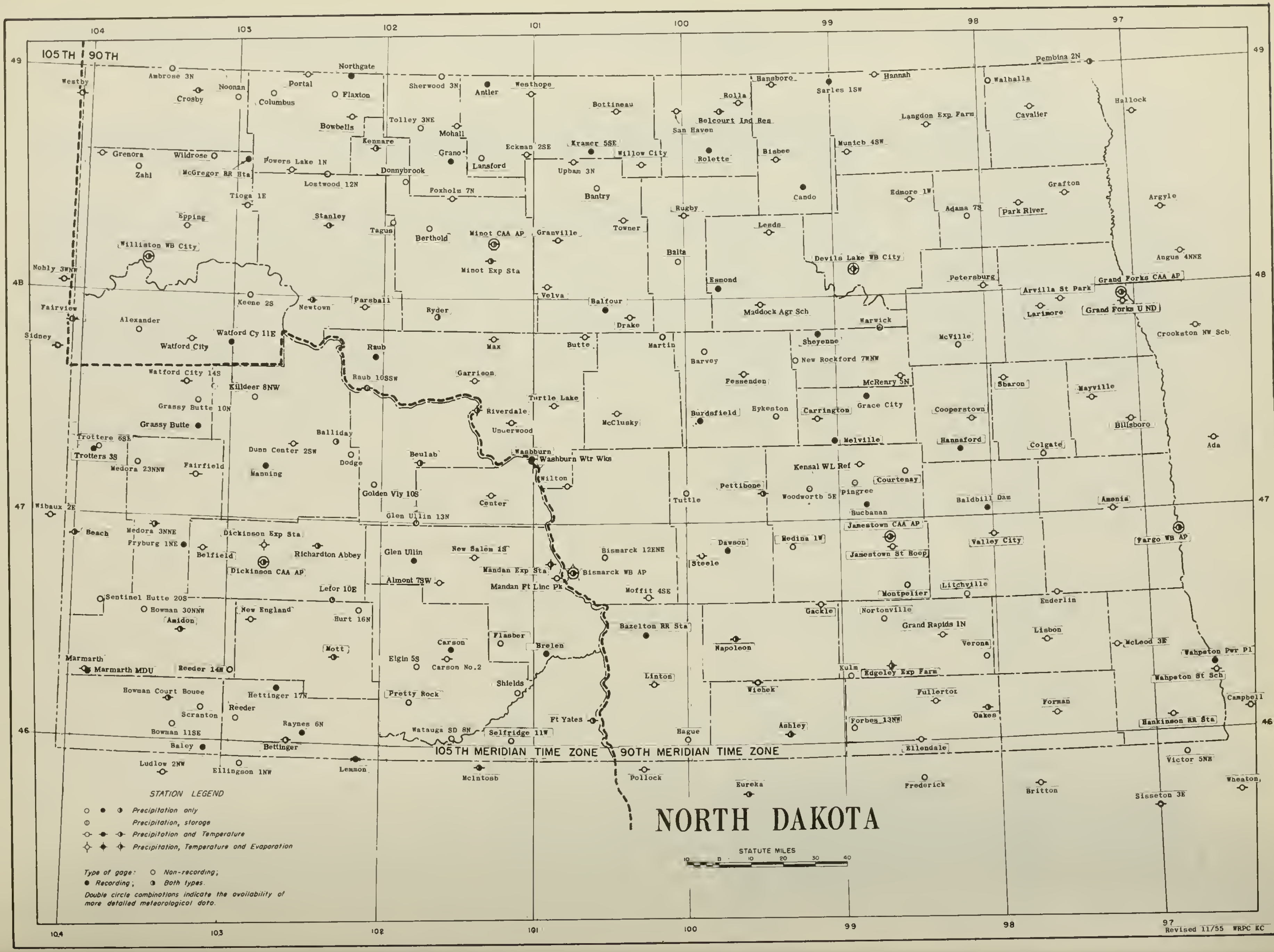
NORTH DAKOTA
STATUTE MILES
10 0 10 20 30 40
105TH 90TH
105TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
104
103
102
101
100
99
98
97
49
48
47
46
Westby
Ambrose 3N
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Bowbells
Sherwood 3N
Antler
Westhope
Tolley 3NE
Mohall
Kenmare
Grano
Lansford
Eckman 2SE
Bottineau
Kramer 5SE
Willow City
Upham 3N
Bantry
San Haven
Belcourt Ind Res
Rolla
Hansboro
Sarles 1SW
Hannah
Walhalla
Pembina 2N
Hallock
Cavalier
Langdon Exp Farm
Munich 4SW
Rolette
Bisbee
Cando
Edmore 1W
Adams 7S
Park River
Grafton
Argyle
Angus 4NNE
Grenora
Zahl
Wildrose
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Foxholm 7N
Tioga 1E
Stanley
Tagus
Berthold
Minot CAA AP
Minot Exp Sta
Granville
Towner
Rugby
Balta
Leeds
Esmond
Devils Lake WB City
Petersburg
Arvilla St Park
Larimore
Grand Forks CAA AP
Grand Forks U ND
Crookston NW Sch
Epping
Williston WB City
Nohly 3WNW
Fairview
Sidney
Keene 2S
Newtown
Alexander
Watford Cy 11E
Watford City
Parshall
Velva
Balfour
Drake
Ryder
Maddock Agr Sch
Warwick
McVille
Raub
Max
Butte
Martin
Barvey
Sheyenne
New Rockford 7WNW
McHenry 5N
Grace City
Sharon
Mayville
Watford City 14S
Killdeer 8NW
Raub 10SSW
Garrison
Turtle Lake
McClusky
Fessenden
Burdsfield
Bykeston
Carrington
Cooperstown
Billsboro
Grassy Butte 10N
Grassy Butte
Riverdale
Underwood
Balliday
Dodge
Melville
Hannaford
Colgate
Ada
Trottere 6SE
Trotters 3S
Medora 23NNW
Dunn Center 2SW
Manning
Fairfield
Beulah
Washburn
Washburn Wtr Wks
Wilton
Kensal WL Ref
Courtenay
Pingree
Woodworth 5E
Pettibone
Golden Vly 10S
Center
Tuttle
Buchanan
Baldhill Dam
Amenia
Wibaux 2E
Beach
Medora 3NNE
Fryburg 1NE
Belfield
Dickinson Exp Sta
Dickinson CAA AP
Richardton Abbey
Glen Ullin 13N
Glen Ullin
New Salem 1S
Mandan Exp Sta
Mandan Ft Linc Pk
Bismarck 12ENE
Bismarck WB AP
Almont 7SW
Dawson
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Sentinel Butte 20S
Bowman 30NNW
Amidon
New England
Lefor 10E
Burt 16N
Mott
Moffit 4SE
Montpelier
Litchville
Enderlin
Marmarth
Marmarth MDU
Reeder 14N
Carson
Carson No.2
Elgin 5S
Flasher
Breien
Bazelton RR Sta
Gackle
Nortonville
Grand Rapids 1N
Verona
Lisbon
McLeod 3E
Wahpeton Pwr Pl
Napoleon
Linton
Kulm
Edgeley Exp Farm
Wahpeton St Sch
Bowman Court House
Scranton
Bowman 11SE
Hettinger 17N
Reeder
Pretty Rock
Shields
Wishek
Fullerton
Forman
Oakes
Campbell
Raynes 6N
Bettinger
Baley
Watauga SD 8N
Selfridge 11W
Ft Yates
Hague
Ashley
Forbes 13NW
Hankinson RR Sta
Ellendale
Victor 5NE
Ludlow 2NW
Ellingson 1NW
Lemmon
McIntosh
Pollock
Eureka
Frederick
Britton
Sisseton 3E
Wheaton
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
✧ ✦ ✧ Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording; ● Recording; ◑ Both types.
Double circle combinations indicate the availability of more detailed meteorological data.
Revised 11/55 WRPC KC

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CLIMATOLOGICAL DATA

NORTH DAKOTA

APRIL 1956
Volume LXV No. 4

JUN 27 1956

ASHEVILLE: 1956

NORTH DAKOTA - APRIL 1956

WEATHER SUMMARY

April was cool and dry. Seeding made rapid progress in the southwest. Farmers in some northeastern localities did not get their field work started. The cold weather was unfavorable for calving and lambing which were in full swing at the end of the month.

Most April days were cool. Temperatures dropped below freezing on almost every night at most stations. Temperatures dropped to zero or lower at a few stations. The temperature at Munich 4 SW dropped to zero or lower on three days. The especially cool periods were the 6th to 9th, 15th to 18th, and the last decade. Most stations over northern and western North Dakota registered their coldest temperatures on the 7th or 8th. Many stations in the central and southeastern parts registered their coldest temperatures on the 23d or 27th. Monthly minimums ranged from near zero over the extreme north central counties to the middle teens over a few central counties and at several stations in the southeast. The coldest temperature for the State, 5° below zero, occurred at Munich 4 SW on the 8th. There were very few mild days during April. Among these were the 10th, 13th, and 20th, and, over the western part of the State, the 4th and 5th. Most stations registered their warmest temperatures on the 13th or 20th. Monthly maximums ranged from near 50° over a few northeastern counties to the upper 70's over several southwestern counties. The highest temperature for the month, 79°, occurred at Marmarth on the 20th. Daily maximums were below freezing on one or two days at most western stations and on several days at some eastern stations. Temperatures at Munich 4 SW failed to rise above freezing on eleven days. Wind having a northerly component prevailed on most days. Northerly, northwesterly, or northeasterly winds prevailed at Devils Lake and Fargo on 23 days and at Williston on 20 days. These winds were effective in keeping the temperatures down. Monthly mean temperatures ranged from 26.1° at Munich 4 SW to 39.7° at Watford City 14 S. Monthly mean temperatures were below the long-term means at all stations. Temperatures averaged between 3° and 7° below the long-term means at most western stations and between 6° and 10° below the long-term means at most eastern stations. Temperatures at Devils Lake averaged 31.4° or 8.6° below normal. Temperatures at Williston averaged 37.6° or 5.3° below normal.

Light snow flurries occurred on several days during the first week. Light scattered showers or snow flurries also occurred during the period 24th to 27th, and at some western stations on the 29th and 30th. Little precipitation of importance fell on other dates. Monthly totals ranged, in general, from over an inch at several stations in the southeast to less than one-tenth of an inch over a large west-central area and at a few stations in the extreme northeast. Several stations received only sprinkles. The greatest monthly total, 2.62 inches, fell at Wahpeton State School. Almost all stations received considerable less precipitation during April than their long-term means. In general, stations over the eastern third of the State averaged slightly more than one-third of their long-term means, over the western third they averaged slightly more than one-fifth their long-term means, and over the central third, less than one-eighth the long-term means. As a whole, April 1956 was one of the driest Aprils of record. Snowfall was mostly light over the central, southwestern, and northeastern portions. Several inches fell in some northwestern localities and over a few southeastern counties. A few stations in the southeast received more than six inches. The greatest amount, 10.0 inches, fell at McLeod 3 E.

Farm work and crop progress was rather uneven over the State. Some farmers in the extreme southwest began plowing, disking, and seeding early in April but discontinued field work near the middle of the month because the ground was too dry. More moisture was needed for seed germination. Farm work was in full swing over the northwest and southeast during the latter half of April. Farmers in some localities in the northeast did not get their field work started during April. In general, agriculture was a week ahead of usual over the southwest and two weeks later than usual over some other parts of the State except in a few northeastern counties where progress was about three weeks late. Soil moisture was short over most southern and western sections of the State. The heavy snowfall which fell in March melted in April and furnished ample to excessive soil moisture in the northeast. Feed supplies were short in about two-thirds of the counties. Hay was very scarce in Renville, Towner, Eddy, Sheridan, and Steele Counties. Cold weather and lack of moisture retarded the growth of new pastures and range feed. Livestock were in fair condition but thin because of the long winter feeding season and the low supplies of hay during the late months. The continued cold weather increased the losses of newborn calves and lambs.

STORMS

Wind, snow, and freezing rain halted traffic over much of eastern North Dakota on the 3d. The storm continued throughout the day. The normally heavy truck and bus traffic on U. S. Highway 10 came to a halt before noon. Many automobiles were in ditches in the Valley City area. The wind and glaze cause numerous power and communication failures in the Fargo area. About 1200 Fargo homes were without electricity for a portion of the afternoon. Power lines were down and telephone service was curtailed in many other areas. Property damage due to the storm was estimated at $25,000.

Lucius W. Dye

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	N	12	12.6	42	NW	14	75	81	45	47	8	4	0	0	0	0	12	65	6.7
DEVILS LAKE WB CITY	–	–	10.4	28	NE	26	–	–	–	–	8	4	0	0	0	0	12	70	5.8
FARGO WB AIRPORT	N	32	18.1	49	NW	7	81	83	60	61	6	4	2	1	0	0	13	68	6.9
WILLISTON WB CITY	–	–	7.1	26	NW	13	–	80	41	38	7	3	0	0	0	0	10	59	6.4

CLIMATOLOGICAL DATA

TABLE 2

Station			Temperature													Precipitation									
			Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
												Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
												90° or Above	32° or Below	32° or Below	0° or Below										
EASTERN DIVISION																									
AMENIA			46.4	25.6	36.0		71	20	16	8+	861	0	2	29	0	1.47		1.05	3	6.2	7	3	3	1	1
ARVILLA STATE PARK				21.7					10	9		0	3	29	0	0.11		0.09	6		10	1	0	0	0
CARRINGTON	AM		41.9	24.0	33.0	- 7.1	67	21	10	9	954	0	8	28	0	0.09	- 1.31	0.05	27	0.3			0	0	0
CAVALIER			42.1	23.1	32.6		58	20	13	8+	965	0	2	29	0	0.10		0.08	6	1.0	16	1+	0	0	0
COOPERSTOWN			44.8	23.9	34.4		67	20	11	8	910	0	2	29	0	0.42	- 0.75	0.19	6	2.0	24	1	2	0	0
DEVILS LAKE WB CITY		R //	39.5	23.2	31.4	- 8.6	60	20	4	8	1000	0	7	29	0	0.18	- 1.26	0.08	5	2.0	15	1	0	0	0
EDGELEY EXP FARM	AM		46.3	24.4	35.4	- 7.3	73	21	13	23	880	0	3	29	0	0.52	- 1.01	0.23	3	4.0	4	3+	2	0	0
EDMORE 1 W			38.4	21.7	30.1		51	20	1	8	1041	0	3	29	0	0.19		0.12	5	2.5	24	1	1	0	0
ELLENDALE			50.2	25.2	37.7	- 5.8	74	20	14	23	810	0	0	28	0	1.03	- 0.91	0.38	3	4.0	3	3	4	0	0
ENDERLIN	AM		45.1	25.3	35.2		73	21	16	23+	886	0	2	27	0	1.56		0.74	4		8	4	4	1	0
FARGO WB AP		R //	43.6	26.3	35.0	- 7.1	69	20	16	28	895	0	3	27	0	1.45	- 0.43	0.85	3	4.7	5	1	3	1	0
FORMAN			48.3	26.2	37.3		74	20	14	23	826	0	1	26	0	1.59	- 0.32	0.87	3				4	1	0
FULLERTON			50.0	25.0	37.5	- 6.2	74	20	14	23	817	0	1	28	0	1.10	- 1.05	0.72	3	6.9	5	3	3	1	0
GACKLE			48.2	23.6	35.9		70	20	13	27	866	0	0	29	0	0.11		0.04	25	0.8	2	1	0	0	0
GRAFTON			41.7	24.4	33.1	- 8.5	60	20	11	9	953	0	4	29	0	0.15	- 1.31	0.15	6	1.0	28	1	1	0	0
GRAND FORKS CAA AP		R	40.5	24.3	32.4		61	20	12	8	970	0	5	30	0	0.40		0.17	3	1.5	10	1	2	0	0
GRAND FORKS UNIVERSITY			40.9	25.0	33.0	- 8.3	63	20	14	8+	954	0	4	29	0	0.34	- 1.17	0.09	6	1.8	10	1	0	0	0
GRAND RAPIDS 1 N			49.2	24.3	36.8		74	20	12	23	841	0	1	29	0	1.20		0.67	3	5.5	6	3	4	1	0
HANKINSON R R STATION	AM		45.3	24.5M	34.9M	- 8.1	72	21	12	8	896	0	4	29	0	1.67	- 0.22	0.67	3				4	2	0
HANNAH			37.7M	17.6M	27.7M		51	20+	0	8	1112	0	8	30	1	0.03	- 1.06	0.03	6	0.3	16	1	0	0	0
HILLSBORO			44.4M	24.2	34.3M	- 7.9	70	20	13	8	902	0	5	28	0	0.66	- 1.04	0.54	3	6.0			2	1	0
JAMESTOWN CAA AP		R //	45.6	23.4	34.5		74	20	15	8+	910	0	2	30	0	0.46		0.24	6	3.4	5	1	2	0	0
JAMESTOWN STATE HOSP			46.6	25.6	36.1	- 6.2	72	20	15	27	859	0	3	28	0	0.24	- 1.40	0.11	25	T			1	0	0
KENSAL WILDLIFE REFUGE			48.8	23.3	36.1		75	20	11	9	861	0	1	28	0	0.12		0.05	5	2.0	3	1+	0	0	0
LANGDON EXP FARM			38.8	18.1	28.5	-10.2	48	20+	0	8	1087	0	3	30	1	0.12	- 1.17	0.08	6	1.3	31	1	0	0	0
LARIMORE			42.5	24.2	33.4	- 7.4	65	20	13	9	944	0	3	28	0	0.23	- 1.14	0.14	6	2.0			1	0	0
LISBON			47.4M	24.7M	36.1M	- 6.3	73	20	10	28	851	0	2	26	0										
MAYVILLE			44.0	25.6	34.8	- 7.6	69	20	15	8+	902	0	4	29	0	0.91	- 0.36	0.61	3	6.7	8	3	2	1	0
MC HENRY 5 N			41.2	21.8	31.5		66	20	6	8	999	0	4	29	0	0.35		0.12	5	2.3	23	1	2	0	0
MC LEOD 3 E			48.3M	24.8M	36.6M	- 6.8			14	22	843	0	0	27	0	1.91	0.24	0.80	3	10.0			5	1	0
MC VILLE			41.8	22.9	32.4		65	20	8	8	972	0	3	28	0	0.18		0.11	6	2.5	14	1	1	0	0
MUNICH 4 SW			36.2	15.9	26.1		50	20+	- 5	8	1163	0	11	30	3	0.14		0.06	5+	2.0	25	1	0	0	0
OAKES	AM		45.8M	25.5	35.7M	- 7.0	72	21	15	23	876	0	2	29	0	1.04	- 0.69	0.31	4	1.3	5	1	4	0	0
PARK RIVER			42.4	23.1	32.8	- 7.3	58	20	10	9	960	0	2	29	0	0.03	- 1.29	0.03	6		18	1	0	0	0
PEMBINA 2 N			41.1	23.4	32.3		55	20+	11	9+	973	0	2	28	0	0.06	- 1.15	0.02	6+		5	1+	0	0	0
PETERSBURG			40.0	21.7	30.9		59	20	6	8	1017	0	5	30	0	0.21	- 0.92	0.16	6	2.4	15	1	1	0	0
SHARON			41.9	23.6	32.8	- 7.7	68	20	13	27	961	0	3	28	0	0.43	- 1.01	0.17	6	3.7	16	1	2	0	0
VALLEY CITY			47.9	25.1	36.5	- 6.9	70	20	15	27+	847	0	1	29	0	0.77	- 0.65	0.37	3	6.7			4	0	0
WAHPETON STATE SCHOOL			50.1	26.3	38.2	- 6.4	73	20	15	23	796	0	1	27	0	2.62	0.63	1.58	3		2	1+	5	1	1
DIVISION					33.9											0.64				3.1					
MIDDLE DIVISION																									
ASHLEY			48.7	22.6	35.7	- 6.3	73	20	12	23	874	0	0	30	0	0.66	- 0.60	0.22	6	2.0	5	1+	3	0	0
BELCOURT INDIAN RES			42.6	20.7	31.7		60	20	3	9	992	0	2	29	0	0.02		0.01	5+	1.5	22	1	0	0	0
BISBEE			40.9	22.7	31.8		58	20	5	8	990	0	2	30	0	0.10		0.08	5	1.0	20	1	0	0	0
BISMARCK WB AP		R //	49.6	25.2	37.4	- 5.7	75	20	16	8	819	0	0	27	0	0.11	- 1.28	0.04	24+	0.4	T	1+	0	0	0
BOTTINEAU	AM		43.9	23.0	33.5	- 5.9	67	21	12	27	939	0	2	29	0	0.08	- 0.88	0.04	5	1.0	10	1	0	0	0
BUTTE	AM															0.12		0.12	5	T	1	1	1	0	0
CARSON NO 2	AM		49.6M	22.9	36.3M	- 6.5	72	20	13	8	853	0	1	29	0	0.22	- 1.19	0.12	25	T	0		1	0	0
CENTER			49.2	23.2	36.2		73	20	13	8	855	0	0	29	0	0.01		0.01	24	T	1	1	0	0	0
DRAKE	AM		44.7	24.7	34.7	- 5.9	69	21	15	27	904	0	3	28	0	0.16	- 1.05	0.11	5	0.0			1	0	0
ECKMAN 2 SE	AM		44.8	21.4	33.1	- 6.9	68	21	10	8	949	0	2	29	0	0.15		0.14	5				1	0	0
FESSENDEN			46.3	25.2	35.8	- 5.4	70	20	10	8	870	0	0	26	0	0.17	- 1.17	0.11	4		8	1	1	0	0
FORT YATES			53.6	24.2	38.9	- 6.0	76	20	14	2+	777	0	0	25	0	0.13	- 1.24	0.08	27	T	0		0	0	0
FOXHOLM 7 N			46.4	24.6	35.5	- 5.5	69	20	7	8	877	0	3	26	0	0.20	- 0.99	0.18	5	0.5	4	1	1	0	0
GARRISON	AM		47.6	24.3	36.0	- 5.6	73	21	17	27+	862	0	1	27	0	0.02	- 1.25	0.02	27	0.0	1	1	0	0	0
GRANVILLE			45.7M	24.5M	35.1M	- 6.5					888	0	2	28	0	0.15	- 1.07	0.10	4	T	9	1+	1	0	0
HANSBORO			40.3M	22.3M	31.3M	- 7.3	56	20	5	8	1004	0		28	0	0.10	- 0.82	0.09	6	1.3	16	1	0	0	0
LEEDS			43.3	23.3	33.3		65	20	6	8	944	0	2	28	0	0.20		0.10	5+	1.1	14	1	2	0	0
LINTON			53.6	23.9	38.8	- 5.5	75	20	12	23	783	0	0	27	0	0.22	- 1.14	0.10	24	T			1	0	0
MADDOCK AGR SCHOOL			44.4M	23.6	34.0M	- 7.0	68	20	5	8	919	0	2	29	0	0.20	- 0.88	0.18	5	0.0			1	0	0
MANDAN EXP STATION	AM		49.0	25.0	37.0	- 5.9	73	21	15	8	832	0	1	26	0	0.08	- 1.34	0.06	25	0.5	1	27	0	0	0
MANDAN FT LINCOLN PARK			52.8	23.2	38.0		74	20	13	8	803	0	0	29	0	0.08		0.03	24+	1.0	0		0	0	0
MAX	AM		45.5	24.3	34.9	- 5.3	69	21	16	27+	896	0	1	28	0	0.05	- 1.20	0.05	6	T	2	1	0	0	0
MC CLUSKY			47.2	25.1	36.2	- 5.6	70	20	16	27	859	0	2	26	0	0.04	- 1.45	0.01	4+	T	4	1+	0	0	0
MINOT CAA AP			45.0	25.2	35.1		69	20	14	28	892	0	4	25	0	0.24		0.20	4	0.3	2	1	1	0	0
MINOT EXP STATION	AM		45.2	24.4	34.8		69	21	15	8	899	0	3	25	0	0.22		0.17	5	0.7	3	1+	1	0	0
MOFFIT 4 SE			49.2	22.9	36.1		72	20	12	23	865	0	0	30	0	0.08		0.06	25	T	1	1+	0	0	0
MOHALL			46.4	24.3	35.4	- 5.0	66	20	9	27	880	0	1	29	0	0.26	- 1.05	0.16	5	3.0	8	1+	2	0	0
NAPOLEON			49.6	24.1	36.9	- 5.3	72	20	14	8	838	0	0	29	0	0.10	- 1.27	0.10	24	T	3	1+	1	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
NEW SALEM 1 S		50.3M	24.4	37.4M	- 5.2	74	20	13	8	816	0	0	27	0	0.09	- 1.20	0.05	24	T			0	0	0
PETTIBONE		46.9	22.5	34.7	- 6.5	70	20	11	8	900	0	2	29	0	0.23	- 1.16	0.09	15	0.0	10	1+	0	0	0
RIVEROALE	AM	46.6	24.4	35.5		70	21	17	27+	879	0	1	29	0	0.04		0.02	5	T	1	1	0	0	0
RDLLA		41.2	22.7	32.0		59	20	9	8	983	0	5	28	0	0.14		0.08	5	2.0	14	1+	0	0	0
RUGBY		45.3	25.2	35.3		68	20	12	7+	889	0	2	27	0	0.24	- 0.79	0.21	5		10	1	1	0	0
SAN HAVEN		43.4	23.1	33.3	- 6.1	63	20	11	8+	946	0	1	27	0	0.07	- 0.80	0.05	5	0.7	23	1	0	0	0
STEELE		50.3	23.7	37.0	- 4.8	74	20	11	27	833	0	1	29	0	0.18	- 1.14	0.11	25	T	4	1	1	0	0
TDWNER		48.1	24.8M	36.5M	- 5.0	70	20	12	7	854	0	1	25	0	0.55	- 0.80	0.27	5	3.0	8	1	2	0	0
TURTLE LAKE		49.8	24.4	37.1		71	20	15	27	828	0	0	27	0	0.06		0.04	27	0.0			0	0	0
UNOERWOOO	AM	47.2	21.9	34.6		72	21	15	27+	907	0	1	30	0	0.03		0.02	6	0.6			0	0	0
UPHAM 3 N		47.7	24.9	36.3		68	20	11	7	852	0	1	26	0	0.18		0.10	6	2.0	10	1	1	0	0
VELVA		48.4	25.8	37.1	- 5.5	70	20	16	8+	831	0	1	25	0	0.26	- 1.03	0.18	5	1.0	1	1	1	0	0
WASHBURN		49.8M	25.8M	37.8M	- 5.8	74	20			808	0	0		0	T	- 1.32	T	4+	T	0		0	0	0
WFSTHOPE		44.6	24.2	34.4	- 5.8	64	20	7	7	908	0	2	26	0	0.37		0.28	5	4.5			1	0	0
WILLOW CITY		45.2	24.1	34.7	- 5.0	69	20	8	8	905	0	1	29	0	0.14	- 0.93	0.14	5	2.0	5	1+	1	0	0
WILTDN																								
WISHEK		49.6	23.3	36.5	- 4.9	72	20	13	23	850	0	0	29	0	0.28	- 1.10	0.14	25	0.0			2	0	0
DIVISIDN				35.4											0.16				0.7					
WESTERN OIVISIDN																								
ALMDNT 7 SW		50.4	25.1	37.8		76	20	14	8+	810	0	0	26	0	0.13		0.05	25	T	0		0	0	0
AMIODN	AM	50.9	22.3	36.6		74	21	11	7	846	0	1	27	0	0.15		0.D6	28		1	3	0	0	0
BEACH	AM	50.9	21.4	36.2		75	21	9	7	857	D	3	28	0	0.16		0.07	27	1.2	1	27	0	0	0
BELFIELO		50.8	21.4	36.1		76	20	12	7	859	0	0	28	0	0.30		0.12	5+		0		2	0	0
BEULAH	AM	46.6	19.7	33.2		71	21	12	8	949	0	1	30	0	0.06		0.03	29	0.0			0	0	0
BDWBELLS		46.3	23.8	35.1		67	20	9	7	891	0	1	27	0	0.45		0.31	5	3.0	8	1	2	0	0
BDWMAN CDURT HDUSE		52.1M	22.9M	37.5M	- 5.2	75	20	10	7	824	0	1	29	0	0.54		0.45	27	1.5	2	27	1	0	0
CRDSBY		48.0	24.0	36.0	- 3.7	68	20	12	7+	863	0	1	28	0	0.4D	- 0.39	0.21	6	3.4	1	6+	1	0	0
OICKINSON CAA AP	R //	50.0	22.7	36.4		75	20	12	7	851	0	0	29	0	0.19		0.09	27	1.8	1	3	0	D	0
DICKINSDN EXP STATIDN	AM	51.2M	21.8	36.5M	- 4.8	75	21	10	7	845	0	0	29	0	0.22	- 1.14	0.05	5+	T	1	27+	0	0	0
DUNN CENTER 2 SW	AM	49.6	23.3	36.5	- 4.3	72	21	12	17	850	0	1	30	0	0.02	- 1.24	0.02	27	0.5	1	27	0	0	0
FAIRFIELD		49.6	23.1	36.4		72	20	13	22	855	0	0	28	0	0.07		0.04	29	2.0	0		0	0	0
GRENDRA		51.5M	22.3M	36.9M		70	13+	11	27	851	0	1	26	0	0.42		0.20	29+	4.5	0		2	0	0
HETTINGER		51.2	23.0	37.1	- 6.4	75	20	11	7	829	0	0	29	0	0.38	- 0.87	0.14	27	2.0	T	2	2	0	0
KENMARE	AM	45.3	23.3	34.3		68	21	10	8	914	0	2	28	0	0.66	- 0.41	0.28	5				4	0	0
LDSTWODO 12 N		45.4M	21.0M	33.2M				8	8	946	0	1		0	0.26		0.12	5	3.6			1	0	0
MARMARTH		54.4M	24.4M	39.4M	- 5.0	79	20			748	0	1	28	0	0.38	- 0.74	0.35	27	0.5			1	0	0
MEODRA 3 NNE		54.1	20.8	37.5		78	20	6	7	819	0	0	29	0	0.14		0.04	5+	1.0	T	25	0	0	0
MDTT		51.7	21.8	36.8	- 6.7	76	20	12	7+	839	0	0	30	0	0.23	- 0.84	0.09	24+	0.5	T	2+	0	0	0
NEW ENGLAND		51.2	22.1	36.7	- 6.3	75	20	11	7	844	0	0	29	0	0.16	- 1.35	0.08	25				0	0	0
NEWTOWN		50.5	24.5	37.5	- 3.8	73	20	14	27	820	0	0	27	0	0.17	- 1.04	0.17	29	2.0	2	29	1	0	0
PARSHALL		49.6	23.6	36.6		71	20	14	27	845	0	0	27	0	0.31	- 0.84	0.24	29	2.0	1	1	1	0	0
PORTAL	AM	44.4	24.0	34.2	- 5.3	65	21	7	7	916	0	3	28	0	0.51	- 0.32	0.28	5	3.4	3	6+	2	0	0
PDWERS LAKE 1 N		44.7	22.2	33.5		66	20	9	7	939	0	2	28	0	0.15		0.11	5	1.0	1	1+	1	0	0
RAUB 10 SSW		49.5	24.7M	37.1M		72	20			824	0	0	26	0	0.29		0.29	29	5.0			1	0	0
RICHAROTDN ABBEY		51.8	24.8	38.3	- 4.4	73	20	15	7+	793	0	0	26	0	0.10	- 1.36	0.04	27+	1.0	T	27	0	0	0
STANLEY		46.3	22.2	34.3		70	20	12	8+	916	0	1	29	0	0.27		0.19	29	2.0	8	1+	1	0	0
TIDGA 1 E	AM	46.3	22.8	34.6		71	21	13	7	906	0	2	29	0	0.41		0.20	2	2.4	2	2	2	0	0
WATFDRO CITY		51.7	23.9	37.8	- 5.2	75	20	13	7+	808	0	1	27	0	0.18	- 1.15	0.12	27	3.0	0		1	0	0
WATFDRD CITY 14 S		55.0M	24.3	39.7M		75	20	10	7	751	0		24	0	0.03		0.03	27	0.5	0		D	0	0
WILLISTDN WB CITY	R //	49.5	25.6	37.6	- 5.3	72	13+	16	7	815	0	1	26	0	0.11	- 0.96	0.06	1	0.9	T	2+	D	0	0
DIVISION				36.4											0.25				1.8					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	2.28		T	1.40	.09	.04	.13	.05							T	T	.02							T		.20		.35			T	
ADAMS 7 S	.22					.04	.10	.04								T	T						T			.04						
ALEXANDER	.10	T	.07				T																					T		.03		
ALMONT 7 SW	.13		T				T																		.04	.05		.01		.03		
AMBROSE 3 N	.54				.04	.15	.24																	.01							.10	
AMENIA	1.47			1.05	.05	.12	.15																			.08		.02				
AMIDON	.15			.03		.03																				T		.03	.06	T		
ARVILLA STATE PARK	.11					T	.09																					.02				
ASHLEY	.66	T	.03	.19			.22									T									T	.13		.09				
BALTA	.30				.02	.18	.02																	.07				.01				
BANTRY	.66				.48																			.15				.03				
BEACH	.16		T			.03	T																			.03	T	.07	.02	.01	T	
BELCOURT INDIAN RES	.02					.01	.01									T							T					T				
BELFIELD	.30	T	T	T	T	.12																			.03			.12	.03	T	T	
BERTHOLD	.24				.05	.05	.08																					.01		.05	T	
BEULAH	.06																											.02		.03	.01	
BISBEE	.10					.08	T																T					.02				
BISMARCK WB AP R//	.11	.02	T	T	T		.01									T	T							T	.04	T		.04			T	
BISMARCK 12 ENE	.08																									.08						
BOTTINEAU	.08		T			.04	.02										T						.01	.01				T				
BOWBELLS	.45	T			T	.31	T																T				T			.11	.03	
BOWMAN COURT HOUSE	.54		T	.03		T																			.04	.02		.45			T	
BOWMAN 11 SE	.27			.08																					.04	T	T	.15	T	T	T	
BOWMAN 30 NNW	.11		T																						T		.08		.03			
BURT 16 N	.09																								.05			.04				
BUTTE	.12					.12	T										T											T				
CARRINGTON	.09		T			.02	T	T															T		T	.02		.05				
CARSON NO 2	.22		T	.05	T																					.12	T	.05		T		
CAVALIER	.10						.08	T							.02	T							T			T		T				
CENTER	.01							T																	.01	T						
COLGATE	.65			.15		.10	.31																			.07		.02				
COLUMBUS	.42				.10	.02	.25																							.02	.03	
COOPERSTOWN	.42	T	T	.02		.12	.19	.06								T							T	T		.03		T				
COURTENAY	.25	T			.06		T																.10	.09								
CROSBY	.40	T			.07	.04	.21																	T			T			.03	.05	
DEVILS LAKE WB CITY R//	.18				.02	.08	.05									T	T					T	.03	T	T	T	T	T				
DICKINSON CAA AP R//	.19	T	.05	T	T		T																		.01		T	.09	T	.04	T	
DICKINSON EXP STATION	.22	T	T	.04		.05	T	T																		T	T	.04	.05	.03	.01	
DONNYBROOK	.40	.01			.08		.04			T											T							.02	.01	.06	.18	
DRAKE	.16					.11	.04										T											.01				
DUNN CENTER 2 SW	.02	T	T			T	T																					.02		T	T	
ECKMAN 2 SE	.15				T	.14	.01	T									T							T								
EDGELEY EXP FARM	.52			.23	.01		.03									T	T									.20		.05				
EDMORE 1 W	.19					.12		.07																								
ELGIN 5 S	.07	T	T		T	T	T										T					T			T	T	T	.07	T	T		
ELLENDALE	1.03		.02	.38	T	.01	.10	T								T	T						T		.01	.25		.26			T	
ENDERLIN	1.56			.25	.74	.09		.20																		.23		.05				
EPPING	.19	T	.09		T	.07	.02																	T				T		.01		
FAIRFIELD	.07		T	T																								.03		.04	T	
FARGO WB AP R//	1.45		T	.85	.11	.01	.34	.06								T	T						T		.04	.04	T	T				
FESSENDEN	.17				.11		.05																					.01				
FLASHER	.12		T																							.09		.03				
FLAXTON	.52	T	.02		.10	.21	.11	T									T							.01						.05	.02	
FORBES 13 NW	.53	T		.13	T		T								T		T						T		T	.30		.10			T	
FORMAN	1.59			.87	.03	T	.19	.09									T								T	.27		.14				
FORT YATES	.13	T		T												T									T	.05		.08				
FOXHOLM 7 N	.20		T		T	.18	.02	T																	T							
FULLERTON	1.10		T	.72			.22										T								T	.14	T	.02				
GACKLE	.11	T	T		T	.01	.01									T	T						T		.03	.04		.02				
GARRISON	.02					T	T	T									T											.02		T	T	
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOLDEN VALLEY 10 S	.25																											T	.03	.22		
GRAFTON	.15					T	.15								T							T						T				
GRAND FORKS CAA AP R	.40	.02		.17		.04	.11	T	T						T	T	T						T		T	.02		.04				
GRAND FORKS UNIVERSITY	.34	T	.05	.08		.02	.09	.03	T						T	T	T						T			.04		.03				
GRAND RAPIDS 1 N	1.20	T		.67			.22								T									T	T	.21		.10				
GRANVILLE	.15				.10	.05	T									T						T	T				T					
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRENORA	.42					.02																								.20	.20	
HAGUE	.56		T	.12		.20	.09									T									.05	.06		.04			T	
HALLIDAY	T						T																				T			T		
HANKINSON R R STATION	1.67			.67	.53	.05	T	.05																		.25		.12	T			
HANNAH	.03					T	.03															T	T					T				
HANSBORO	.10					.01	.09																T				T					
HARVEY	.26					.15									T	.11					T											
HETTINGER	.38		T	.13		.03																			.03		T	.14		.05		
HILLSBORO	.66			.54			.12	T							T	T						T	T			T		T				
JAMESTOWN CAA AP R//	.46	T	T	.03	.01	T	.24								T	T	T						.01	T	.11	T	T	.06			T	
JAMESTOWN STATE HOSP	.24	T		T	T	.05	.02																T		.04	.11		.02				
KEENE 2 S	.14		.06																							.05				.02	.01	
KENMARE	.66		.10			.28	.13																	.01						.10	.04	
KENSAL WILDLIFE REFUGE	.12		.02			.05	.03									T							T	T				.02				
KILLDEER 8 NW	.09						T																					.09				
KULM	.43						.10	.07							T	T									T	.20	T	.06				
LANGDON EXP FARM	.12						.08									T												.04				
LANSFORD	.23		.03		.02	.08	.08									T									.02					T		
LARIMORE	.23		T	T			.14	.04								T							T			T		.05				
LEEDS	.20					.10	.10									T							T					T				
LEFOR 10 E	.14			.06		T																			.02	T		.06		T		
LINTON	.22	T	T	.06		T	T									T									.10	.02		.04			T	
LISBON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LITCHVILLE	.63			.26		.09																	.08			.15		.05				
LOSTWOOD 12 N	.26	.05	.01		.03	.12	.05																									
MADDOCK AGR SCHOOL	.20				T	.18	T									T	T						T	T	T			.02	T			
MANDAN EXP STATION	.08		T			T	T	T									T								T	.06	T	.02	T			
MANDAN FT LINCOLN PARK	.08				T																				.03	.02		.03				
MARMARTH	.38		T	.03		T																			T			.35				
MARTIN	.03				.03														T								T					
MAX	.05						.05																					T				
MAYVILLE	.91	T		.61		.06	.12	.03	T						T	T							T			.08		.01				
MC CLUSKY	.04				.01		.01									.01												.01				
MC HENRY 5 N	.35				T	.12	.11	.02								T							.03	T		.05		.02				
MC LEOD 3 E	1.91			.80	.04		.21	.25								.03										.20		.38				
MC VILLE	.18	T	T				.11	T								T										T		.07				
MEDINA 1 W	.15	T				.02																				.13						
MEDORA 3 NNE	.14		T			.04																			.02	T		.04		.04		
MEDORA 23 NNW	.10																											.10		T		
MINOT CAA AP	.24	T	T		.20	.02	.01									T	T							T		T	.01	T		T	T	
MINOT EXP STATION	.22		T			.17	.03										T								T	T		.01		.01		
MOFFIT 4 SE	.08		T			T	T	T								.01	T							T	.01	.06		T				
MOHALL	.26	T	T		T	.16	.10																	T			T					
MONTPELIER	.57			.28	T	.04	.03								T	T	T						T	T	.03	.17		.02				
MOTT	.23	T	T	T		.04																			.09		T	.09	T	T	.01	
MUNICH 4 SW	.14		T			.06	.06			T						T							T			T		.02				
NAPOLEON	.10															T									.10			T			T	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.16					.02																			T	.08		.06		T	T	
NEW ROCKFORD 7 WNW	.21					.12	.05									T							T	.02		.02						
NEW SALEM 1 S	.09		T		T		T									T	T							T	.05	.02	T	.02	T	T	T	
NEWTOWN	.17					T	T																					T		.17		
NOONAN	.68				.28	.09	.23																							T	.08	
NORTONVILLE	.74			.35			.03																			.36						
OAKES	1.04		T	.21	.31	T	.02	.03									T						T			.24	T	.21	.02			
PARK RIVER	.03						.03																T					T				
PARSHALL	.31		T		T	T	.06										T									T		.01		.24		
PEMBINA 2 N	.06						.02	.02							T													.02				
PETERSBURG	.21					.05	.16																									
PETTIBONE	.23		.02			.04										.09										.08		T				
PINGREE	.26		T		T	T	.20										T						T	T		.06		T				
PORTAL	.51		T		T	.28	.08																	.04						T	.11	
POWERS LAKE 1 N	.15	T			T	.11	.02																T				T		T	.02		
PRETTY ROCK	.20	T	T	.06		T																			T	T	.03	.06	.03	.02	T	
RAUB 10 SSW	.29					T																								.29		
REEDER	.38		.04	.05		.05																			.06	.03		.12	.03		T	
REEDER 14 N	.13			T		.05																				.05		.03				
RICHARDTON ABBEY	.10		T	T	T	.02	T										T								T	T	T	.04		.04		
RIVERDALE	.04					.02	T	.01									T								T	T	T	.01		T	T	
ROLLA	.14					.08	.03									T							.03					T				
RUGBY	.24					.21	.02																	.01			T					
RYDER	.15						.10																					.02			.03	
SAN HAVEN	.07					.05	.02																T					T				
SCRANTON	.27																					T			.05	T	T	.22	T	T		
SELFRIDGE 11 W	.27		T	.08																								.11	.08			
SENTINEL BUTTE 20 S	.19	T			.02			.07																				.10				
SHARON	.43	.02		.12		T	.17	.05															T			T		.07				
SHERWOOD 3 N	.69	.08	T		.02	.50	.07																	T						T	.02	
SHIELDS	.15																									.09		.06				
STANLEY	.27				.08	T	T																							.19		
STEELE	.18						T									.07								T		.11			T		T	
SYKESTON	.13		.09		T											T	T							T		.02		.02		T	T	
TAGUS	.23	T	.02		.05	.08																		T		T				.07	.01	
TIOGA 1 E	.41		.20			.10	.05	T																						.06	T	
TOLLEY 4 NE	T	T		T	T	T										T																
TOWNER	.55				.07	.27	.15																	.06								
TROTTERS 6 SE	.09		T			T	T																			T		.07	.02			
TURTLE LAKE	.06				T	T	T									.02												.04				
TUTTLE	.09				.02		.03																			.04					T	
UNDERWOOD	.03						.02	.01																								
UPHAM 3 N	.18				T	.06	.10									T								.02						T		
VALLEY CITY	.77			.37	.11		.11	.02								T										.11		.05				
VELVA	.26				.02	.18	.06									T								T				T			T	
VERONA	.62			.22				.08															.02			.25		.05				
WAHPETON STATE SCHOOL	2.62			1.58	.09		.35	.22							T	T							T			.22		.16				
WALHALLA	T						T																			T	T	T				
WARWICK	.15					.10	.05				T					T								T								
WASHBURN	T				T		T									T												T				
WATAUGA S DAK 8 N	.22	T				T																					T	.22		T		
WATFORD CITY	.18		.06																									.12				
WATFORD CITY 14 S	.03		T			T	T																				T	.03		T		
WESTHOPE	.37				.06	.28	.03																	T		T					T	
WILDROSE	.27				.12	.03	.08																	T							.04	
WILLISTON WB CITY R//	.11	.06	T		T	T	.02																	T		T	T		T	.03		
WILLOW CITY	.14				T	.14	T									T											T					
WILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISHEK	.28				.10																					.14		.04				
WOODWORTH 5 E	.03	T			T		T																T			.03		T				
ZAHL	T			T																											T	

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	41	36	47	54	55	47	41	42	57	66	50	56	68	58	48	41	51	56	63	76	57	43	49	50	39	60	33	41	41	46		50.4
	MIN	29	27	27	34	34	21	17	14	22	30	29	22	37	30	22	24	14	22	26	35	30	19	20	23	24	23	18	23	27	29		25.1
AMENIA	MAX	39	35	33	45	39	34	31	29	39	54	51	49	63	52	42	36	47	50	50	71	64	37	44	57	53	57	51	42	46	52		46.4
	MIN	26	32	30	24	31	23	18	16	20	27	32	27	31	32	30	28	28	27	28	27	36	25	19	18	23	26	16	20	23	26		25.6
AMIDON	MAX	71	35	34	51	58	51	37	41	46	59	59	47	56	68	64	54	43	50	56	65	74	55	43	50	47	48	57	29	42	37		50.9
	MIN	31	24	18	26	31	20	11	16	27	34	25	19	36	26	25	14	13	22	26	34	24	15	17	22	20	20	14	15	20	25		22.3
ARVILLA STATE PARK	MAX	36	33	33	46	39	28	28	30	41	54																						
	MIN	20	28	26	20	26	20	16	15	10	15	29	21	25	31	28	26	25	26	26	28	33	24	13	18	17	19	14	13	20	19		21.7
ASHLEY	MAX	39	33	33	52	55	44	35	35	51	60	50	54	67	53	40	42	52	52	57	73	57	43	48	52	39	61	50	40	49	44		48.7
	MIN	29	27	26	24	28	21	18	13	15	26	30	18	31	25	23	21	19	16	17	30	29	21	12	21	25	26	15	22	22	29		22.6
BEACH	MAX	71	35	31	53	58	51	38	43	49	61	54	50	60	71	57	52	46	52	58	67	75	55	45	52	45	39	56	30	30	42		50.9
	MIN	30	24	20	23	29	18	9	18	21	33	22	17	33	28	18	11	12	13	26	28	31	14	15	25	21	20	16	16	25	26		21.4
BELCOURT INDIAN RES	MAX	33	35	37	48	40	26	32	35	38	48	44	43	52	52	41	33	42	46	52	60	55	38	40	54	50	50	35	37	40	42		42.6
	MIN	27	23	20	30	18	15	14	6	3	23	28	22	27	35	24	22	24	21	18	28	29	21	17	21	13	25	9	12	18	28		20.7
BELFIELD	MAX	36	37	52	57	53	37	41	46	62	61	50	58	68	56	48	45	56	58	66	76	68	45	50	46	40	60	38	36	36	43		50.8
	MIN	29	22	21	27	28	19	12	16	16	29	22	15	36	27	17	22	15	14	25	33	31	14	16	18	20	18	13	19	24	23		21.4
BEULAH	MAX	50	34	34	44	48	47	29	37	34	57	62	46	55	65	51	45	38	49	52	60	71	50	40	45	50	38	55	34	42	37		46.6
	MIN	27	25	24	24	28	18	14	12	13	19	20	16	18	31	21	23	14	16	15	19	25	17	16	21	22	17	15	16	17	27		19.7
BISBEE	MAX	33	32	34	41	36	25	33	39	44	39	38	42	47	44	39	34	40	44	48	58	50	35	40	54	44	53	34	39	42	45		40.9
	MIN	28	24	20	25	20	18	7	5	27	25	20	20	26	31	25	25	26	26	26	28	31	23	23	27	15	23	13	18	25	31		22.7
BISMARCK WB AP	MAX	38	33	44	53	55	34	40	42	54	66	51	56	66	54	44	43	53	55	62	75	55	45	48	53	42	57	34	46	43	47		49.6
	MIN	29	27	29	30	28	22	20	16	20	29	28	21	33	29	25	24	23	20	21	27	33	21	19	24	25	25	20	28	27	34		25.2
BOTTINEAU	MAX	36	34	37	40	45	31	27	34	37	39	50	42	50	58	59	40	39	48	51	58	67	47	38	43	55	40	52	36	43	41		43.9
	MIN	23	25	22	28	26	16	16	15	21	26	27	23	29	30	20	24	24	28	22	31	35	21	20	21	15	20	12	16	23	31		23.0
BOWBELLS	MAX	36	37	40	44	33	27	37	38	49	49	43	54	60	59	47	39	50	52	64	67	60	38	45	56	52	47	38	42	37	50		46.3
	MIN	28	21	16	30	24	16	9	12	26	33	28	23	32	32	25	22	22	26	27	35	37	21	25	24	15	26	12	13	24	29		23.8
BOWMAN COURT HOUSE	MAX	63	33	49	57	55	46	42			61	50	55	68	68	54	47	49	57	64	75	72	43	49	49	40	57	51	29	37	38		52.1
	MIN	31	24	18	28	30	19	10				26	19	34	26	24	16	17	23	24	32	32	16	15	26	20	24	15	21	22	25		22.9
BUTTE	MAX																																
	MIN																																
CARRINGTON	MAX	32	37	32	33	43	32	25	30	30	40	58	43	50	57	48	38	36	40	48	55	67	52	32	40	49	36	58	32	44	39		41.9
	MIN	26	27	26	26	31	20	16	13	10	26	30	25	26	34	28	25	27	25	23	32	36	24	19	22	24	21	14	15	19	30		24.0
CARSON NO 2	MAX	34	32	35	45	59	50	39	41	42	57	57	50	57	67	58		42	52	56	72	65	57	45	50	50	38	60	40	44	43		49.6
	MIN	17	27	21	26	26	21	26	13	20	24	19	21	32	32	19	22	16	21	24	34	28	19	18	22	25	23	18	19	23	30		22.9
CAVALIER	MAX	38	35	35	45	41	28	33	33	37	44	42	44	48	48	40	35	41	46	47	58	54	35	38	54	50	54	32	37	44	47		42.1
	MIN	25	28	23	24	21	20	14	13	13	17	31	19	22	34	30	25	22	28	27	32	31	25	29	21	17	22	13	19	22	27		23.1
CENTER	MAX	41	35	43	51	51	41	38	40	56	67	48	50	65	52	47	41	51	53	62	73	54	45	48	52	47	51	35	47	43	49		49.2
	MIN	30	27	27	27	30	20	18	13	18	29	28	17	27	32	21	24	17	17	17	24	33	20	15	27	22	20	18	20	28	31		23.2
COOPERSTOWN	MAX	35	36	33	42	40	38	29	28	40	53	52	45	52	50	42	35	44	47	50	67	59	37	41	54	50	56	56	40	44	50		44.8
	MIN	22	30	29	25	31	20	14	11	15	28	29	25	31	32	29	26	26	24	25	25	34	22	20	21	22	22	13	16	21	28		23.9
CROSBY	MAX	39	37	53	49	38	28	35	44	56	52	44	56	65	53	48	39	50	54	65	68	61	42	45	55	53	45	38	42	39	48		48.0
	MIN	30	25	22	33	22	18	12	19	26	29	22	23	32	31	26	24	20	28	26	31	34	18	27	23	17	23	12	13	25	30		24.0
DEVILS LAKE WB CITY	MAX	35	32	33	41	33	24	29	27	38	50	39	44	48	43	35	32	40	45	50	60	41	30	37	53	35	54	30	39	39	48		39.5
	MIN	29	26	24	25	22	18	11	4	14	25	25	21	29	32	26	25	26	27	27	35	30	23	22	24	20	20	15	20	22	30		23.2
DICKINSON CAA AP	MAX	40	38	51	56	51	36	41	46	60	62	50	57	69	57	52	44	53	59	65	75	56	45	50	48	37	57	33	34	38	41		50.0
	MIN	28	25	23	30	23	17	12	17	21	30	26	19	37	25	20	23	14	23	24	32	25	16	17	23	22	19	14	26	26	25		22.7
DICKINSON EXP STATION	MAX	73	37	38	52	59	53	36	42	45	60	63	50	58	70	57	52	42	53	58	61	75	55	45	50	51	40		35	36	40		51.2
	MIN	32	27	25	27	25	21	10	18	19	30	27	15	29	33	17	22	13	11	19	25	30	19	16	23	23	16	15	16	26	24		21.8
DRAKE	MAX	39	34	32	38	44	32	27	33	34	50	60	46	54	60	50	37	39	50	51	59	69	50	39	43	55	39	58	37	37	44		44.7
	MIN	30	28	26	26	32	19	17	16	22	25	28	22	26	33	24	25	25	23	26	30	37	23	23	25	21	21	15	16	24	32		24.7
DUNN CENTER 2 SW	MAX	65	35	35	50	54	52	31	40	45	59	56	47	58	66	54	47	42	50	55	65	72	57	47	48	52	40	52	36	40	39		49.6
	MIN	31	26	24	30	31	21	15	15	19	29	23	20	30	31	24	25	12	23	21	29	28	23	23	20	23	21	15	18	28	20		23.3
ECKMAN 2 SE	MAX	40	34	33	39	44	29	30	33	37	52	52	44	52	60	49	41	38	51	52	61	68	50	41	42	56	38	55	38	43	41		44.8
	MIN	24	21	18	18	28	16	11	10	13	25	18	22	23	30	29	26	21	26	24	26	33	22	26	22	19	18	14	14	16	28		21.4
EDGELEY EXP FARM	MAX	40	38	36	35	48	41	28	34	24	47	60	51	54	68	52	41	41	50	53	57	73	56	39	51	53	37	62	31	43	47		46.3
	MIN	27	29	28	28	30	23	19	17	17	24	32	21	31	32	27	25	26	21	21	31	33	24	13	16	30	26	15	15	22	30		24.4
EDMORE 1 W	MAX	35	35	34	39	35	25	30	34	35	41	36	38	41	38	36	33	36	41	45	51	45	33	34	50	47	50	39	32	38	45		38.4
	MIN	25	29	23	17	21	20	7	1	5	21	25	15	28	27	25	23	25	22	25	33	32	24	23	27	17	26	15	20	20	30		21.7
ELLENDALE	MAX	45	36	36	51	47	38	36	34	48	58	56	56	70	58	43	43	52	55	56	74	69	47	48	54	38	63	59	41	49	46		50.2
	MIN	29	31	29	29	30	24	20	18	18	23	34	21	27	32	27	26	26	22	23	27	34	26	14	19	27	30	16	20	23	31		25.2
ENDERLIN	MAX	37	40	35	33	44	39	29	33	31	41	54	50	51	66	52	40	38	49	51	54	73	52	36	45	58	38	57	33	45	48		45.1
	MIN	24	25	32	26	29	28	20	19	20	25	33	26	29	33	30	28	28	25	24	28	34	25	16	23	17	25	17	16	25	29		25.3
FAIRFIELD	MAX	45	35	51	55	42	39	40	45	58	57	47	57	69	62	50	49	50	55	63	72	62	43	47	48	40	55	34	35	37	45		49.6
	MIN	30	25	22	33	20	19	14	17	28	29	21	21	35	29	21	15	17	21	28	32	32	13	19	20	19	21	14	26	26	27		23.1
FARGO WB AP	MAX	43	36	33	44	42	31	30	29	43	53	46	47	62	48	37	34	45	47	48	69	45	35	40	57	36	56	33	42	46	50		43.6
	MIN	32	33	27	26	31	25	20	18	25	30	30	28	34	33	30	29	28	27	26	31	28	22	17	23	26	29	17	16	24	23		26.3
FESSENDEN	MAX	36	33	37	46	35	38	33	40	46	56	46	53	59	50	42	40	45	50	58	70	55	42	45	54	46	60	35	47	43	50		46.3
	MIN	27	26	25	29	32	20	15	10	16	31	29	25	35	33	26	25	23	24	24	33	36	30	23	23	20	30	16	18	22	30		25.2
FORMAN	MAX	42	36	35	46	42	36	33	32	45	56	54	54	68	61	45	38	49	53	54	74	66	43	46	59	39	61	45	41	48	47		48.3
	MIN	31	32	30	25	31	23	18	18	23	28	33	24	31	33	29	27	27	22	26	29	36	24	14	19	27	33	17	20	26	30		26.2
FORT YATES	MAX	35	34	46	62	59	51	42	43	51	67	55	57	70	64	50	44	54	55	62	76	74	54	51	50	42	62	60	43	48	47		53.6
	MIN	28	14	27	31	33	22	14	14	21	28	19	19	34	33	25	26	18	19	19	29	34	22	15	23	26	28	20	27	26	33		24.2
FOXHOLM 7 N	MAX	38	32	40	44	36	27	32	37	53	53	44	55	58	55	44	37	46	52	67	69	67	41	43	54	52	38	43	44	43	48		46.4
	MIN	24	24	16	32	25	18	14	7	22	30	31	24	33	34	26	25	22	22	31	33	36	24	27	19	30	15	22	16	26	31		24.6
FULLERTON	MAX	40	35	34	54	46	35	35	32	47	59	51	55	67	62	52	42	52	54	56	74	72	42	47	57	40	63	54	43	49	52		50.0
	MIN	29	25	29	27	30	23	20	18	19	23	33	21	28	30	28	26	27	23	22	27	35	26	14	18	29	30	16	19	24	32		25.0
GACKLE	MAX	36	34	40	45	45	34	33	34	48	59	53	51	63	55	41	40	49	51	56	70	64	44	45	55	44	60	54	44	49	49		48.2
	MIN	26	21	26	27	28	20	18	14	22	29	30	28	34	30	22	22	24	19	20	30	31	19	15	29	20	27	13	17	19	29		23.6

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1956

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	45	35	34	42	45	45	29	37	44	57	63	47	57	64	52	44	40	50	52	64	73	52	40	45	52	40	58	37	45	40		47.6
	MIN	31	26	25	26	26	19	19	19	24	29	25	23	34	34	25	25	21	23	23	27	34	19	21	24	21	21	17	17	22	29		24.3
GRAFTON	MAX	38	35	35	42	39	29	30	31	32	40	41	42	45	45	40	36	41	47	47	60	56	35	40	53	50	53	38	38	43	49		41.7
	MIN	25	30	27	26	26	21	13	18	11	18	29	16	25	32	29	26	27	29	29	32	33	25	24	29	20	24	15	22	25	27		24.4
GRAND FORKS CAA AP	MAX	39	34	34	42	35	26	28	31	40	45	40	45	50	44	36	33	41	45	46	61	41	33	39	54	32	57	31	39	44	50		40.5
	MIN	23	31	24	21	26	21	15	12	18	20	26	21	30	32	30	27	28	29	29	32	30	24	23	26	22	22	15	22	24	27		24.3
GRAND FORKS UNIVERSITY	MAX	39	34	33	41	36	30	28	32	35	43	41	43	50	45	37	33	41	45	46	63	49	33	38	53	49	53	31	38	43	46		40.9
	MIN	28	31	31	21	30	22	16	14	20	20	29	21	30	32	31	26	27	29	27	33	32	25	21	25	22	24	14	21	22	26		25.0
GRAND RAPIDS 1 N	MAX	40	37	35	46	46	35	34	32	45	58	58	54	67	59	43	40	50	54	57	74	65	43	48	54	40	62	57	44	49	49		49.2
	MIN	29	31	29	30	30	24	18	15	15	26	28	16	31	26	28	27	25	26	20	27	34	23	12	18	27	29	16	16	23	31		24.3
GRANVILLE	MAX	39	32	41	42	37	29	39	42	57	58	42	50	61	54	44	42	54				42	45		51	58	39		47	47	50		45.7
	MIN	29	27	23	32	25	18	18	16	25	32	28	28	35	33	25	26	24			22	21	23	19	19	25	17		15	25	32		24.5
GRENORA	MAX	42	40	57			31	42	50	59	51	48	65	70	64	50	45	58	53	64	70	67	52	48	55	54	44	38	38	37	50		51.5
	MIN	30	24	17	31	22	20	13	20	33	29	29	18	31	28	18	17	16	20	36	38		13	20	23	19	20	11	15	13	22		22.3
HANKINSON R R STATION	MAX	35	42	37	32	44	48	30	33	30	41	56	49	50	68	52	40	38	49	52	51	72	53	36	45	58	42	58	30	40	48		45.3
	MIN	25	28	31	25	27	28	20	12	18	24	30	25	28	32			18	24	26	28	35	24	17	20	25	26	23	17	25	25		24.5
HANNAH	MAX	32	34	34	39	35	25	29	31	36	41	37	38		40	32	32		41	43	51	41	32	37	50	44	51	32	35	40	44		37.7
	MIN	22	23	15	18	17	14	5	0	2	20		11			24	21		18	17	30	28	20	19	26	13	20	10	14	23	28		17.6
HANSBORO	MAX	32	32	34	44	33	25		34	35	43	37	44	46	41			40	45	51	56	45	34	39	50	46	35	39		42	47		40.3
	MIN	28	24	15	26	19	15		5	12	19	29	18	28	33			24	28	25	34	32	21	23	27	14	12	15		25	30		22.3
HETTINGER	MAX	43	33	48	59	54	43	40	44	58	65	50	55	69	69	51	42	50	58	64	75	69	45	54	47	38	58	45	36	39	35		51.2
	MIN	27	24	24	24	31	22	11	16	21	29	28	19	33	29	19	18	19	17	19	31	19	22	17	29	24	26	18	23	26	26		23.0
HILLSBORO	MAX	37	35	35	31	32	30						51	57	52	43	33	38	46	47	70	63	35	41	55	54	56	33	40	44	51		44.4
	MIN	21	23	29	24	21	22	16	13	22	24	27	26	30	33	28	26	27	26	29	30	35	25	18	20	21	27	15	18	23	27		24.2
JAMESTOWN CAA AP	MAX	36	34	33	46	37	30	33	31	46	58	49	51	63	52	42	38	50	52	55	74	53	35	44	55	39	60	33	45	48	47		45.6
	MIN	25	29	29	30	28	20	17	15	20	26	26	23	29	31	25	26	26	24	22	26	25	18	17	17	25	23	15	17	20	27		23.4
JAMESTOWN STATE HOSP	MAX	37	35	34	46	38	32	32	32	44	59	46	51	64	57	42	38	47	48	56	72	61	41	43	54	40	58	53	44	46	47		46.6
	MIN	27	30	29	31	30	21	19	16	20	28	31	24	32	34	29	26	27	26	23	27	38	25	19	19	24	29	15	17	21	31		25.6
KENMARE	MAX	44	35	35	45	44	31	28	35	39	50	47	44	54	62	50	45	39	50	53	63	68	50	42	43	55	40	50	38	43	38		45.3
	MIN	27	21	15	19	30	15	12	10	26	29	29	25	29	32	26	24	22	25	27	33	35	21	28	25	16	18	14	15	19	31		23.3
KENSAL WILDLIFE REFUGE	MAX	36	34	35	48	45	33	30	33	49	60	59	52	63	61	42	39	49	53	58	75	63	46	46	53	46	61	57	42	47	49		48.8
	MIN	27	28	28	29	32	21	17	14	11	22	27	21	27	33	27	25	27	22	22	25	36	23	15	18	23	29	15	14	17	24		23.3
LANGDON EXP FARM	MAX	37	40	35	40	37	27	32	33	36	40	38	40	40	40	35	36	38	42	41	48	45	33	38	48	44	48	30	36	40	46		38.8
	MIN	22	25	20	15	18	17	7	0	5	21	23	10	25	27	22	21	18	15	15	28	25	20	15	24	16	22	10	13	19	25		18.1
LARIMORE	MAX	39	33	34	42	38	28	30	31	37	45	43	43	48	46	42	34	44	47	49	65	57	34	41	55	50	56	35	38	42	49		42.5
	MIN	25	29	27	25	27	22	16	18	13	21	30	22	29	34	28	27	26	27	27	32	33	24	19	23	19	24	14	19	20	25		24.2
LEEDS	MAX	35	33	36	44	37	26	31	34	41	46	40	47	51	49	41	34	44	46	55	65	60	40	40	55	52	55	35	40	40	47		43.3
	MIN	29	24	21	24	24	17	9	6	8	26	26	21	31	32	28	25	27	25	25	35	35	24	24	25	18	23	14	20	24	30		23.3
LINTON	MAX	41	36	41	55	58	45	40	42	54	66	53	62	71	59	49	45	55	59	60	75	67	50	50	53	47	63	56	56	53	48		53.6
	MIN	31	20	28	27	28	24	22	14	18	26	33	15	29	29	22	24	19	13	19	29	35	24	12	23	27	27	20	19	27	34		23.9
LISBON	MAX	41	35	34	41	40	35	32	32	40	54	49	50	66	64	41	36	49	53	53	73	70	50	46	52	47	59		42	42	50		47.4
	MIN	29	30	29	29	30	24	18	18	20	24	34	24	33	32	28		22	23	21	23	34	20	13	13	32	33	14	10	25	30		24.7
LOSTWOOD 12 N	MAX	37	34	43	44	35	25	33	40	51	53	42	53	60	59	43	35	47	51	62		44		57	54	52	48	33					45.4
	MIN	26	20	11	31	23	15	9	8	22	32	26	18	31	32	23	20	17	22	21		31		19	23	15	20	11					21.0
MADDOCK AGR SCHOOL	MAX	36	35	37	38	35	28	27	34	40		45	44	53	52	42	38	45	50	55	68	61	41	42	57	49	59	41	44	42	49		44.4
	MIN	29	26	24	25	26	19	16	5	10	22	26	20	30	32	27	26	26	25	25	30	34	26	23	24	20	28	16	17	20	30		23.6
MANDAN EXP STATION	MAX	45	36	33	44	53	54	32	38	42	55	68	50	56	65	52	44	42	51	54	62	73	53	43	48	54	43	57	35	45	43		49.0
	MIN	30	28	28	30	29	21	20	15	19	28	27	20	35	35	26	25	23	18	20	28	37	22	18	21	24	24	19	20	26	33		25.0
MANDAN FT LINCOLN PARK	MAX	45	35	46	54	53	43	41	41	55	68	51	69	68	64	46	44	54	56	64	74	67	49	48	47	53	58	53	48	44	47		52.8
	MIN	28	26	26	28	27	19	16	13	17	27	24	20	27	32	26	23	19	18	19	27	35	19	18	23	20	22	17	24	25	31		23.2
MARMARTH	MAX	65	36		60	58		46	50	55	60	51	62	72	62	55	49	54		71	79	73	48	54	51	45	50	48	31	43	42		54.4
	MIN	31	27	23	37	29	20		23	17	32	32	15	32	32	18	15	14	15	20	24	38	18	15	29	25	24	24	23	25	30		24.4
MAX	MAX	45	34	33	39	44	37	27	35	40	54	58	44	58	61	49	42	38	49	50	61	69	50	39	45	54	40	52	35	45	38		45.5
	MIN	30	25	24	25	27	18	19	18	24	29	27	24	32	34	26	24	22	24	23	30	37	21	21	23	20	20	16	16	21	28		24.3
MAYVILLE	MAX	39	36	32	42	38	31	27	27	36	50	46	44	54	49	40	33	42	48	49	69	60	35	42	55	49	57	54	41	44	50		44.0
	MIN	29	32	30	24	31	23	18	15	16	25	32	26	32	31	30	28	28	28	27	30	35	26	18	22	23	27	16	15	23	27		25.6
MC CLUSKY	MAX	37	31	38	43	36	30	34	36	51	63	46	54	62	57	43	40	49	51	59	70	62	44	43	43	54	59	43	46	45	46		47.2
	MIN	28	26	26	30	28	18	18	17	20	28	26	22	34	34	25	20	33	23	24	32	37	22	21	20	22	32	16	20	21	31		25.1
MC HENRY 5 N	MAX	33	33	32	44	34	26	27	30	37	47	39	44	48	45	39	33	41	44	49	66	53	36	39	52	45	56	34	40	41	49		41.2
	MIN	24	26	26	23	25	18	11	6	9	23	25	16	29	31	27	25	26	22	24	29	33	21	17	21	21	26	13	16	17	24		21.8
MC LEOD 3 E	MAX	40	38		45	36	38	35	33	45	55	52	54		55	45		55	54		69	55	47		55	43	60	55	44	50	49		48.3
	MIN	28	31	28	30	23		18	16	21	27	33	23	28	33	28	27	21	23	24	34	21	14	22	25	28	27	15	18	24	29		24.8
MC VILLE	MAX	36	35	33	43	36	27	28	31	39	49	39	41	48	45	36	33	41	45	49	65	56	34	39	55	50	57	34	39	42	48		41.8
	MIN	23	28	28	22	26	20	13	8	11	24	30	19	30	29	28	25	29	23	23	27	33	24	18	20	21	24	12	16	19	34		22.9
MEDORA 3 NNE	MAX	62	36	54	58	55	46	44	50	61	60	52	60	73	69	54	48	54	59	69	78	70	46	52	50	42	59	39	35	42	47		54.1
	MIN	34	28	23	22	25	23	6	20	15	30	23	10	32	30	14	14	9	13	16	23	30	15	11	20	24	16	17	26	27	28		20.8
MINOT CAA AP	MAX	32	31	40	44	34	27	32	40	54	53	45	54	61	49	39	37	49	50	61	69	50	38	43	55	39	53	36	45	43	47		45.0
	MIN	28	25	21	33	22	18	18	18	25	33	29	24	37	33	27	25	24	25	29	41	28	22	23	25	21	16	15	14	25	32		25.2
MINOT EXP STATION	MAX	43	32	32	40	44	33	28	33	40	53	54	44	53	62	50	40	38	49	51	60	69	50	39	43	56	39	55	36	45	45		45.2
	MIN	26	24	19	23	31	16	17	15	21	33	29	24	33	36	25	24	23	25	23	36	37	21	20	23	21	22	17	16	21	31		24.4
MOFFIT 4 SE	MAX	37	36	38	52	49	40	35	37	49	64	55	55	59	57	45	40	52	50	59	72	61	46	46	52	40	58	55	43	44	49		49.2
	MIN	26	27	26	25	25	21	20	15	15	26	27	15	31	31	24	23	22	14	15	28	29	23	12	22	24	24	18	23	24	31		22.9
MOHALL	MAX	37	35	43	43	37	29	35	38	46	46	43	53	58	59	50	37	48	52	62	66	61	43	43	56	52	50	38	42	41	48		46.4
	MIN	25	22	12	30	24	16	11	11	23	29	29	26	34	32	29	24	27	29	27	32	32	25	29	24	18	26	9	15	28	31		24.3
MOTT	MAX	48	35	50	58	59	48	41	44	59	67	51	58	69	60	50	42	51	58	65	76	62	46	51	48	39	61	41	34	40	41		51.7
	MIN	30	27	25	23	30	21	12	15	17	29	28	15	28	32	18	20	12	15	17	21	32	18	13	21	25	18	17	22	26	28		21.8
MUNICH 4 SW	MAX	32	31	32	38	29	22	27	30	33	39	35	37	40	39	31	30	35	34	43	50	45	32	36	49	42	50	30	34	38	42		36.2
	MIN	23	19	14	10	14	11	0	-5	-1	15	14	9	23	26	23	20	20	20	20	26	26	12	18	23	12	20	8	9	21	26		15.9

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	38	33	35	47	52	40	34	37	51	60	49	54	64	57	44	41	50	52	57	72	64	55	47	55	42	60	56	46	49	46		49.6
	MIN	26	28	26	25	27	22	19	14	18	29	30	19	34	29	29	22	22	17	19	32	30	24	15	24	24	26	16	22	23	32		24.1
NEW ENGLAND	MAX	59	36	50	68	52	37	41	46	59	63	53	57	70	61	50	42	51	56	66	75	56	45	50	52	38	58	33	33	38	40		51.2
	MIN	31	26	23	28	32	21	11	17	18	29	26	15	35	29	19	19	14	18	18	25	32	15	15	18	22	17	16	24	25	26		22.1
NEW SALEM 1 S	MAX	44	36	45	53	54	42	40	42	51	67	49	56	68	53	46	47	51	55	62	74	55	43	48	50	39	59		42	41	47		50.3
	MIN	28	28	27	30	32	19	17	13	20	30	28	22	37	31	22	22	18	22	28	35	33	20	19	20	21	20	17	21	27	26		24.4
NEWTOWN	MAX	44	36	50	50	44	37	39	44	57	57	48	58	69	67	48	42	52	55	64	73	68	44	47	54	43	55	38	44	40	47		50.5
	MIN	30	28	22	33	26	20	15	17	24	31	25	20	33	30	24	25	19	24	23	29	38	19	21	24	21	26	14	22	26	25		24.5
OAKES	MAX	41	43	37	33	47	41	28	33	32	45	56	50	53	68	53	43	38	50	52	53	72		37	47	55	37	61	33	42	47		45.8
	MIN	30	31	30	25	31	25	19	19	23	24	32	24	27	32	28	26	26	22	24	25	35	26	15	18	31	27	17	16	25	31		25.5
PARK RIVER	MAX	38	35	34	44	41	27	30	34	35	45	45	41	45	43	41	35	43	46	48	58	56	36	40	55	51	55	38	38	44	50		42.4
	MIN	25	28	26	27	24	13	16	16	10	19	29	20	27	25	25	26	25	27	27	34	32	23	21	28	16	24	14	19	22	26		23.1
PARSHALL	MAX	43	34	47	47	43	34	38	44	57	58	47	57	65	61	47	40	50	52	63	71	67	45	46	54	49	55	37	45	44	47		49.6
	MIN	29	25	22	29	30	19	15	16	25	33	23	19	29	33	23	24	16	20	24	26	35	15	19	23	20	26	14	20	26	31		23.6
PEMBINA 2 N	MAX	42	42	36	38	38	28	30	35	36	43	39	40	42	40	40	35	40	45	46	55	55	54	38	48	48	41	36	34	42	47		41.1
	MIN	26	35	25	18	20	22	12	15	11	28	28	11	26	28	29	26	25	29	27	33	30	25	28	28	17	18	13	17	23	30		23.4
PETERSBURG	MAX	35	36	33	40	34	24	28	31	36	40	43	38	42	43	38	31	38	42	47	59	49	32	38	51	52	55	40	37	41	46		40.0
	MIN	23	27	25	19	24	19	9	6	10	21	25	17	28	30	27	24	23	24	26	31	32	23	19	24	19	23	12	17	21	22		21.7
PETTIBONE	MAX	37	33	34	42	38	35	30	31	46	58	46	51	59	58	44	39	48	49	56	70	65	45	44	54	43	59	57	45	45	45		46.9
	MIN	26	25	22	25	30	19	15	11	13	20	25	19	31	27	25	24	23	20	23	29	36	24	16	21	20	29	14	17	19	28		22.5
PORTAL	MAX	43	32	35	46	44	26	26	40	40	49	44	42	55	60	58	44	37	49	52	63	65	43	39	43	55	40	45	38	43	37		44.4
	MIN	25	24	22	29	24	17	7	13	25	32	28	25	31	32	28	22	23	30	27	36	35	22	29	27	18	20	14	18	14	22		24.0
POWERS LAKE 1 N	MAX	33	33	47	41	32	25	34	41	52	45	41	51	61	47	40	35	48	50	62	66	55	38	53	52	50	47	36	41	36	50		44.7
	MIN	28	22	19	32	25	18	9	15	32	33	26	19	31	29	22	18	18	22	20	27	33	15	22	19	12	20	12	14	24	30		22.2
RAUB 10 SSW	MAX	40	34	49	49	49	36	39	43	58	60	48	58	71	53	47	42	51	54	62	72	66	46	47	54	41	56	34	44	37	46		49.5
	MIN	28	27	24	33	28	20		11	24	34	23	20	32	33	24	25	19	26	28	26	35	15	19	25	22	22	16	23	25	29		24.7
RICHARDTON ABBEY	MAX	57	35	49	53	52	48	40	44	60	64	50	57	68	67	49	40	49	55	65	73	67	47	49	49	41	57	45	38	39	46		51.8
	MIN	29	25	25	31	33	20	15	16	21	29	27	22	36	34	26	23	18	25	24	34	32	20	19	22	22	21	15	26	26	28		24.8
RIVERDALE	MAX	45	35	34	41	45	44	28	36	40	56	63	45	55	60	47	44	40	49	56	60	70	50	41	47	52	38	56	35	45	40		46.6
	MIN	30	26	26	26	28	18	18	18	21	28	25	24	31	30	25	24	21	24	25	31	38	22	22	23	21	21	17	17	23	28		24.4
ROLLA	MAX	32	33	35	45	36	26	31	32	38	47	38	42	53	42	37	32	41	46	53	59	55	34	41	53	46	52	36	37	41	43		41.2
	MIN	26	23	17	30	18	15	13	9	15	22	29	23	27	35	26	23	25	29	25	35	32	22	23	25	14	21	11	16	24	28		22.7
RUGBY	MAX	35	36	39	42	38	30	34	32	40	52	43	47	55	55	44	38	48	48	58	68	62	44	40	55	52	57	37	42	42	46		45.3
	MIN	30	26	22	28	24	18	12	12	14	27	28	23	34	33	30	26	28	26	25	32	36	26	26	26	20	30	15	20	26	32		25.2
SAN HAVEN	MAX	33	36	41	48	35	29	34	36	37	49	40	44	53	50	47	35	44	48	55	63	50	39	43	54	49	51	37	40	39	43		43.4
	MIN	28	24	21	30	20	15	14	11	11	27	29	20	28	34	26	23	25	27	24	33	33	23	23	23	15	25	11	15	25	30		23.1
SHARON	MAX	37	33	33	38	37	27	30	29	39	47	41	42	49	47	39	34	42	45	50	68	57	34	41	52	48	51	34	40	42	50		41.9
	MIN	22	29	27	24	26	21	14	16	15	29	28	24	32	33	27	26	25	25	27	30	34	20	19	19	20	24	13	17	21	22		23.6
STANLEY	MAX	34	33	39	46	35	28	35	43	54	45	43	55	63	53	45	39	50	52	63	70	66	41	44	53	42	51	36	39	43	49		46.3
	MIN	26	20	28	17	25	15	15	12	21	30	25	21	31	30	25	22	19	24	24	30	35	18	22	19	17	21	12	15	23	23		22.2
STEELE	MAX	39	32	36	46	46	42	34	35	52	61	61	54	65	63	45	41	52	52	58	74	68	51	47	54	44	59	56	47	46	48		50.3
	MIN	25	26	26	27	27	20	19	14	16	27	26	19	32	32	27	21	24	20	22	31	33	22	20	17	24	27	11	18	27	30		23.7
TIOGA 1 E	MAX	44	32	36	50	43	35	28	36	44	55	49	44	56	66	50	47	40	50	55	64	71	50	42	47	53	39	49	38	42	34		46.3
	MIN	29	22	20	26	30	19	13	17	23	31	25	20	29	27	23	24	17	24	21	30	35	14	19	24	19	20	15	17	23	27		22.8
TOWNER	MAX	33	38	39	44	37	29	37	48	58	45	54	60	55	48	42	48	52	53	60	70	64	39	45	57	52	58	38	44	49	48		48.1
	MIN	21	26	22	27	22	17	12	20	30	27	20	33	29	36	26	28	23	22		49	32	23	22	22	17	27	13	16	22	36		24.8
TURTLE LAKE	MAX	42	33	41	45	44	36	37	42	55	65	48	55	63	62	46	42	50	51	61	71	68	48	45	55	48	57	40	48	46	49		49.8
	MIN	28	25	25	38	25	17	19	16	22	30	25	22	35	31	23	23	22	22	22	31	36	21	23	22	20	22	15	20	25	28		24.4
UNDERWOOD	MAX	45	34	41	41	45	45	28	41	42	56	65	46	55	61	50	45	43	50	51	61	72	51	41	45	54	41	41	37	43	47		47.2
	MIN	24	24	25	25	25	17	18	16	30	26	24	20	26	31	21	20	18	20	21	30	30	19	19	21	19	19	15	15	20	20		21.9
UPHAM 3 N	MAX	45	37	39	43	40	31	36	37	53	47	44	54	59	56	43	39	49	53	62	68	61	46	44	60	56	57	38	43	44	47		47.7
	MIN	27	26	20	30	23	17	11	14	20	42	30	21	33	33	27	25	24	24	23	30	37	25	21	21	19	29	17	19	28	31		24.9
VALLEY CITY	MAX	39	37	37	46	44	37	33	31	42	56	55	50	63	60	45	36	47	51	53	70	65	36	43	56	53	58	56	42	47	50		47.9
	MIN	21	32	30	28	32	22	18	21	18	27	32	25	27	35	29	28	28	25	27	28	29	25	18	18	24	29	15	17	15	30		25.1
VELVA	MAX	40	36	40	46	40	30	37	41	55	58	45	55	61	61	45	40	50	51	60	70	64	45	44	55	52	57	38	45	44	47		48.4
	MIN	29	27	24	32	28	19	20	16	23	33	29	21	39	35	25	26	23	23	19	32	38	23	22	22	20	32	18	16	28	33		25.8
WAHPETON STATE SCHOOL	MAX	43	38	35	47	57	48	34	32	44	54	56	51	69	58	47	36	48	55	53	73	69	42	47	57	54	61	55	43	49	49		50.1
	MIN	31	32	32	25	33	25	18	18	22	27	33	25	31	30	28	27	27	24	25	30	36	23	15	23	29	27	21	20	25	28		26.3
WASHBURN	MAX	45	36	44	47	48	40	40	42	53	68	50					45	53	53	62	74	68	47	48	53	42	60	37	48	45	47		49.8
	MIN	32	27	28	32	30	20	25	18	22	31	25					23	23	23	24	34	35	23	22	24	23	27	18	24	27	32		25.8
WATFORD CITY	MAX	49	38	55	52	53	31	43	48	61	54	49	59	71	55	51	45	52	58	67	75	58	45	49	56	47	55	36	44	40	54		51.7
	MIN	30	24	22	31	30	20	13	19	21	36	22	20	35	28	19	23	13	23	23	31	35	16	21	23	20	22	17	24	28	28		23.9
WATFORD CITY 14 S	MAX	52	38	55	55	56		44	49	62	61	50	60	73	71	53	49	53	59	67	75	74	49	51	55	50	55	42	42	40	54		55.0
	MIN	33	26	22	28	33	22	10	21	20	35	20	17	32	34	19	24	13	20	24	30	37	14	19	25	22	22	17	27	30	33		24.3
WESTHOPE	MAX	32	33	38	44	40	28	36	40	45	47	41	51	56	44	42	37	49	53	62	64	47	40	45	55	43	53	39	44	43	48		44.6
	MIN	24	24	21	28	21	15	7	12	24	23	30	25	33	33	29	25	26	28	28	34	35	26	28	24	16	20	14	15	27	31		24.2
WILLISTON WB CITY	MAX	37	39	57	49	48	31	41	47	60	53	48	59	72	52	49	41	52	57	66	72	49	42	49	55	40	50	38	43	39	51		49.5
	MIN	27	27	21	34	23	19	16	22	25	32	26	22	35	31	23	22	18	28	28	34	32	20	26	29	22	21	18	25	29	34		25.6
WILLOW CITY	MAX	36	37	40	44	34	31	36	36	38	54	44	51	58	50	40	41	49	51	59	69	50	41	45	56	44	56	37	42	41	46		45.2
	MIN	27	27	22	28	22	18	14	8	11	26	30	23	31	32	30	26	26	25	26	32	34	26	23	22	19	22	14	19	27	32		24.1
WILTON	MAX																																
	MIN																																
WISHEK	MAX	39	34	34	45	54	42	34	36	48	59	59	52	65	61	47	40	50	51	55	72	70	50	46	51	40	60	57	42	48	47		49.6
	MIN	29	27	21	26	24	22	19	15	16	25	31	21	32	33	23	24	22	20	21	30	32	22	13	20	20	20	15	23	23	30		23.3

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
EDGELEY EXP FARM	EVAP	–	–	*	*	.49	*	*	*	*	.24	.10	.13	.14	.22	.19	*	.25	.24	.14	.17	.26	.30	.09	.11	.07	.08	*	*	*	.46		3.948
	WIND	–	–	317	252	51	97	225	181	69	47	98	75	60	113	171	286	241	199	90	78	98	173	105	93	107	112	159	145	95	60		40688
DEVILS LAKE WB CITY	EVAP	–	–	–	–	.10	.01	.12	.04	.03	.04	.09	.08	.10	.15	.10	.05	.07	.08	.09	.14	.18	.07	.06	.11	.13	.14	.12	.07	.10	.11		2.758
	WIND	–	–	–	–	70	96	124	37	29	62	105	58	78	113	91	108	109	57	30	56	77	78	35	56	79	71	87	47	38	38		21108
MANDAN EXP STA (A)	EVAP	–	.01	.03	.01	.01	.08	.11	.08	.10	.10	.14	.13	.13	.18	.21	.12	.10	.15	.11	.10	.17	.23	.16	.12	.11	.09	.09	.09	.09	.08		3.248
	WIND	130	248	245	185	51	172	262	120	55	74	161	116	93	214	223	259	162	167	96	38	117	219	160	96	181	77	213	85	98	89		4406
RIVERDALE	EVAP	–	–	–	–	.14	*	*	*	.26	.12	.19	.15	.25	.25	.21	.22	.15	.15	.12	.13	.25	*	.35	.24	*	.27	*	*	*	.48		4.538
	WIND	–	–	–	–	78	122	96	95	106	155	134	74	137	102	153	191	109	100	69	55	60	196	98	114	179	115	202	78	137	132		35628

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL		T				T																			T		T		T		
	SN ON GND																															
AMENIA	SNOWFALL			5.0			1.0																					0.2				
	SN ON GND	3	3	7	3	2	3	3	3	2	T	T	T	T	T																	
AMIDON	SNOWFALL			–																								T	T	T		
	SN ON GND			1																								T	T	T		
ASHLEY	SNOWFALL			2.0			T	T								T									T	T		T				
	SN ON GND	5	4	5	2																											
BEACH	SNOWFALL		T				T																					1.0		0.2		
	SN ON GND		T				T																					1	T	T		
BELCOURT INDIAN RES	SNOWFALL					1.5	T									T							T					T				
	SN ON GND	22	21	19	17	18	18	17	16	16	14	13	13	10	6	6	6						T									
BELFIELD	SNOWFALL																											–				
	SN ON GND																															
BEULAH	SNOWFALL																															
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
BISBEE	SNOWFALL					1.0	T																T					T				
	SN ON GND	20	18	17	14	14	14	12	10	8	6	5	4	3	2	1	1	1														
BISMARCK WB AP	SNOWFALL			T			T									T	T							T		T		0.4			T	
	SN ON GND	T	T	T	T																							T				
BOTTINEAU	SNOWFALL		T			0.6	0.2										T						0.1	0.1				T				
	SN ON GND	10	9	8	5	6	6	5	4	3	2	1	T	T	T	T	T	T	T	T	T	T	T	T				T				
BOWBELLS	SNOWFALL					2.0	T																							1.0	T	
	SN ON GND	8	7	6	5	7	6	5	4	3	3	2	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	T	
CARSON NO. 2	SNOWFALL																									T	T	T				
	SN ON GND																															
CENTER	SNOWFALL							T																		T						
	SN ON GND	1	T	T	T	T	T	T																								
CROSBY	SNOWFALL	T			T	0.4	2.0																	0.5			T			T	0.5	
	SN ON GND					T	1	1																1						T		
DEVILS LAKE WB CITY	SNOWFALL				T	0.9	0.7									T	T					T	0.4	T		T	T	T				
	SN ON GND	15	11	10	9	7	7	7	6	6	5	3	3	2	2	1	1	1	T	T	T	T	T	T	T			T				
DICKINSON CAA AP	SNOWFALL	T	0.5	T			T																				T	0.9	T	0.4	T	
	SN ON GND		T	1																								T	T	T	T	
DICKINSON EXP STATION	SNOWFALL	T	T	T																						T						
	SN ON GND	T	T	T																								–		–		
DUNN CENTER 2 SW	SNOWFALL																											0.5				
	SN ON GND																											1				
EDMORE 1 W	SNOWFALL					1.5		1.0																								
	SN ON GND	24	23	20	17	19	19	19	17	15	13	10	10	9	9	9	9	9	5	2	T											
ELLENDALE	SNOWFALL		T	3.0	T		1.0	T								T	T						T			T		T				
	SN ON GND	1	T	3	2	1	2	2	2	1	1	T	T	T	T	T												T				
FARGO WB AP	SNOWFALL			0.7	T		3.4	0.6								T	T						T			T	T	T				
	SN ON GND	5	2	1	2	T		3	1	1	T						T							T				T				
	WTR EQUIV	0.7	0.5		0.2			0.4																								
FORT YATES	SNOWFALL																											T				
	SN ON GND																															
FOXHOLM 7 N	SNOWFALL		T				0.5	T																	T							
	SN ON GND	4	3	2	1	1	1																									
FULLERTON	SNOWFALL		T	4.7			2.0										T											0.2				
	SN ON GND	–	–	5	3	T	2	T	T	T	T																					
GARRISON	SNOWFALL																															
	SN ON GND	1																														
GRAFTON	SNOWFALL						1.0																					T				
	SN ON GND	28	24	18	16	15	16	16	14	11	9	7	5	3														T				
GRAND FORKS CAA AP	SNOWFALL			T		0.4	1.1	T	T							T	T						T			T		T				
	SN ON GND	10	9	7	7	4	4	5	5	4	3	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T						

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GRAND FORKS UNIVERSITY	SNOWFALL			0.3		0.2	1.0	0.3	T							T	T						T			T		T				
	SN ON GNO	10	8	7	5	4	5	5	4	3	2	1	T																			
GRANVILLE	SNOWFALL					T	T									T							T				T					
	SN ON GNO	9	9	8	6	6	6	5	3	1																						
HANSBORO	SNOWFALL					0.3	0.9																0.1				T					
	SN ON GNO	16	15	14	12	12	13	–	11	8	5	3	2	1	T	T	T	T	T				T									
HETTINGER	SNOWFALL		T	2.0																												
	SN ON GNO		T																													
JAMESTOWN CAA AP	SNOWFALL		T	0.3			2.4									T	T						0.1	T	T	T	T	0.6			T	
	SN ON GNO	5	3	3	3	1	1	2	T	T	T	T	T	T									T					T			T	
KENSAL WILOLIFE REFUGE	SNOWFALL		0.5				1.0																					0.5				
	SN ON GNO	3	3	2	1	1	2	–	–	1																						
KILLOEER 8 NW	SNOWFALL						T																					1.0				
	SN ON GNO						T																									
MANOAN EXP STA	SNOWFALL		T														T								T			0.5				
	SN ON GNO	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	T			
MAYVILLE	SNOWFALL			4.2		0.1	2.0	0.3	T						T	T							T			T		0.1				
	SN ON GNO	5	4	8	5	4	6	6	5	4	3	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
MC CLUSKY	SNOWFALL						T									T												T				
	SN ON GNO	4	4	3	3	2	2	2	2	1	1	1	1																			
MC HENRY 5 N	SNOWFALL					0.6	1.0	0.2								T							0.3	T				0.2				
	SN ON GNO	23	20	20	17	17	18	18	18	17	12	10	8	5	4	3	3	1	T				T									
MEOORA 3 NNE	SNOWFALL																											0.5				
	SN ON GNO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MINOT CAA AP	SNOWFALL	T	T		T	T	0.1									T	T							T		T	0.2	T		T	T	
	SN ON GNO	2	1	1	1	T	T																							T		
MINOT EXP STA	SNOWFALL		T				0.3										T								T	T		0.2		0.2		
	SN ON GNO	3	3	2	1																							T		T		
MOHALL	SNOWFALL	T	T		T	1.0	2.0																	T			T					
	SN ON GNO	8	8	7	5	6	8	8	6	4	3	2																				
MONTPELIER	SNOWFALL			1.8			0.5									T	T						T	T				T				
	SN ON GNO	3	2	4	2	1	1	1	1	T						T																
MOTT	SNOWFALL	T	T	T																								0.5				
	SN ON GNO		T																									T				
MUNICH 4 SW	SNOWFALL		T			0.5	1.0			T						T							T			T		0.5				
	SN ON GNO	25	24	23	21	21	22	21	20	19	16	14	11	8	6	5	4	3	2	1								T				
NAPOLEON	SNOWFALL																											T				
	SN ON GNO	3	3	3	3	2	2	2	1																							
OAKES	SNOWFALL			0.5	0.3		T	0.5									T						T			T	T	T	T			
	SN ON GNO	5	2	1																												
PARSHALL	SNOWFALL		T				T										T									T		T		2.0		
	SN ON GNO	1	T				T																									
PETERSBURG	SNOWFALL					0.6	1.8																									
	SN ON GNO	15	14	14	12	11	11	11	10	9	9	8	7	6	5	4	4	4	3	3	1	1										
PETTIBONE	SNOWFALL																															
	SN ON GNO	10	10	10	8	5	5	5	5	3	2																					
PRETTY ROCK	SNOWFALL			1.5		T																			T	T	1.0	3.0	1.0	1.0	T	
	SN ON GNO	1	1	1																								2				
RICHAROTON ABBEY	SNOWFALL		T	T			T										T									T		0.5		0.5		
	SN ON GNO																											T				
RIVEROALE	SNOWFALL																											T		T	T	
	SN ON GNO	1	T	T	T	T	T	T	T																			T				
ROLLA	SNOWFALL					1.0	0.5									T							0.5					T				
	SN ON GNO	14	14	14	10	11	11	11	10	8	8	6	6	4	4	4	4	3	T	T	T	T	T	T				T				
SAN HAVEN	SNOWFALL					0.5	0.2																T					T				
	SN ON GNO	23	22	20	17	17	17	17	16	14	12	12	10	8	7	6	6	5	4	3	1	T	T	T								
SHARON	SNOWFALL	0.2		0.5		T	2.0	0.5															T			T		0.5				
	SN ON GNO	16	15	15	14	13	15	14	13	11	8	6	4	2	1	1	1	T	T	T	T	T	T	T	T	T		1	T			
STANLEY	SNOWFALL						T																							2.0		
	SN ON GNO	8	8	8	7	7	7	7	6	4	4	4	3																	2		
UPHAM 3 N	SNOWFALL				T	0.5	1.0									T								0.5						T		
	SN ON GNO	10	8	4	3	3	4	3	2	1																						
VALLEY CITY	SNOWFALL			4.0			1.0	0.2																		1.0		0.5				
	SN ON GND	–	–	3																												
WAHPETON STATE SCHOOL	SNOWFALL			2.0			–	–							T	T							T									
	SN ON GND	2	1	2	1	1	1	1																								
WESTHOPE	SNOWFALL					4.0	0.5																	T		T						
	SN ON GND	–	–	–	–	3	2																									
WILLISTON WB CITY	SNOWFALL	0.4	T			T	0.2																	T		T	T		T	0.3		
	SN ON GND		T				T																							T		
WILLOW CITY	SNOWFALL					2.0	T									T											T					
	SN ON GND	5	5	5	4	5	5	5	4	4	3	3	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple E. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Beleo Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Book	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hanson Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 28	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred B. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil B. Ruet	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5 7
Glen Ullin	3496	Morton	4	48 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert B. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohde	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Leo J. Braun	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 58	2114	10P	10P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroebl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 S	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	William B. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2218		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	8P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. H. Schafer	2 3 5
Mayville	5680	Traill	10	47 30	97 19	975	6P	8P	H. A. Bagaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 58	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1508	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	8P	Robert D. Getz	2 3 5
Medina 1 W	5798	Stutsman	8	46 53	98 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 56	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	89 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1378		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1588	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	98 46	1956	6P	6P	Alvin B. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	98 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. B. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	8P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin B. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenhaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		8P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edsel R. Anderson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3
NEW STATIONS										
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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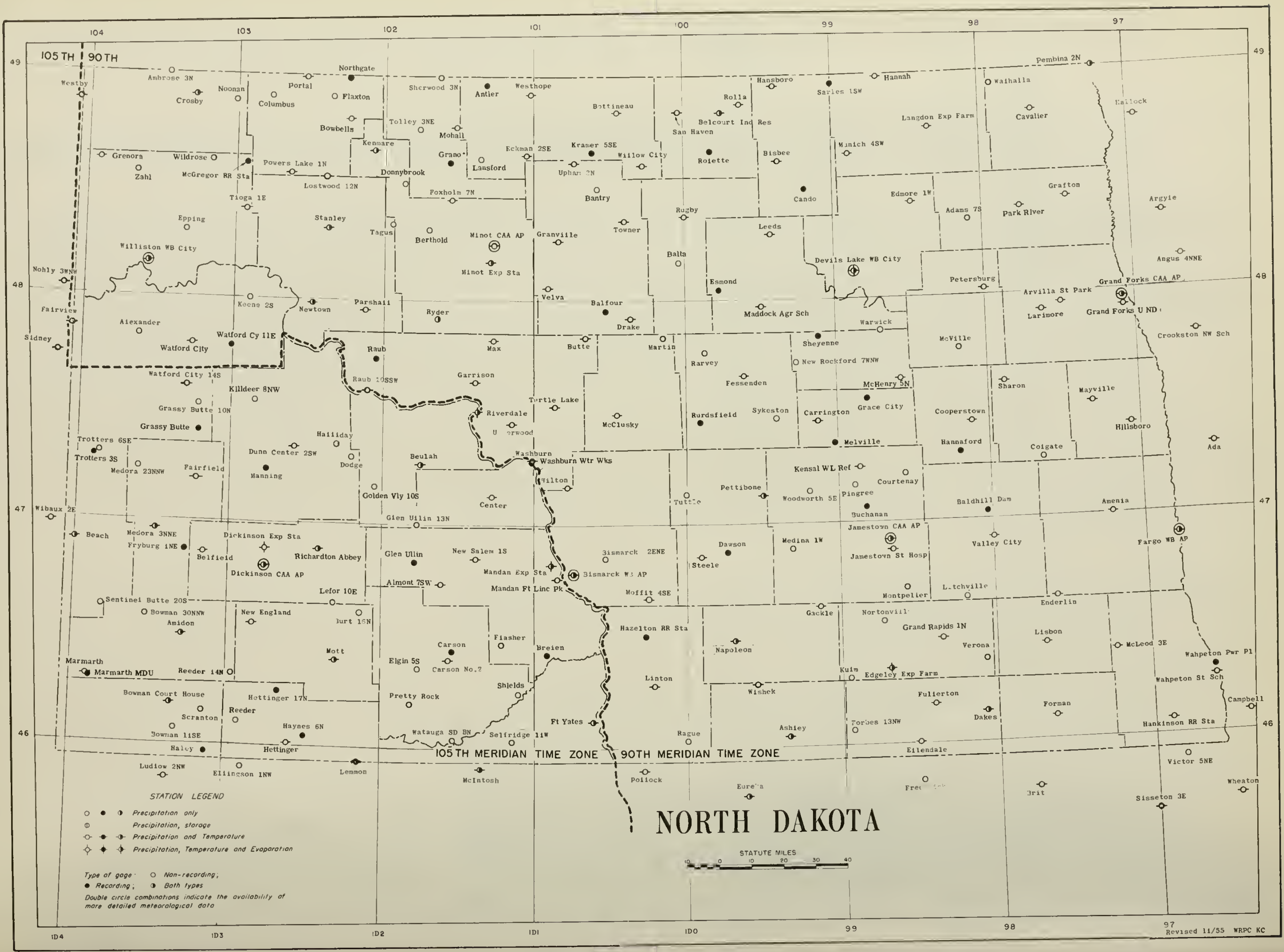
NORTH DAKOTA
105TH
90TH
105TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
104
103
102
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99
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97
49
48
47
46
Westby
Ambrose 3N
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Sherwood 3N
Antler
Westhope
Bottineau
San Haven
Belcourt Ind Res
Rolla
Hansboro
Sarles 1SW
Hannah
Walhalla
Cavalier
Pembina 2N
Hallock
Langdon Exp Farm
Bowbells
Tolley 3NE
Mohall
Kenmare
Grenora
Zahl
Wildrose
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Grano
Lansford
Eckman 2SE
Kramer 5SE
Upham 2N
Willow City
Rolette
Bisbee
Munich 4SW
Cando
Edmore 1W
Adams 7S
Park River
Grafton
Argyle
Tioga 1E
Epping
Stanley
Tagus
Foxholm 7N
Berthold
Minot CAA AP
Minot Exp Sta
Granville
Bantry
Towner
Rugby
Leeds
Balta
Devils Lake WB City
Angus 4NNE
Williston WB City
Nohly 3WNW
Fairview
Sidney
Alexander
Keene 2S
Newtown
Parshall
Watford City
Watford Cy 11E
Ryder
Velva
Balfour
Drake
Esmond
Maddock Agr Sch
Warwick
Petersburg
Arvilla St Park
Larimore
Grand Forks CAA AP
Grand Forks U ND
Crookston NW Sch
Raub
Max
Butte
Martin
Harvey
Sheyenne
New Rockford 7WNW
McVille
Watford City 14S
Killdeer 8NW
Raub 10SSW
Garrison
Turtle Lake
Riverdale
Underwood
McClusky
Fessenden
McHenry 5N
Grace City
Sharon
Mayville
Hillsboro
Ada
Grassy Butte 10N
Grassy Butte
Halliday
Dodge
Dunn Center 2SW
Manning
Beulah
Washburn
Washburn Wtr Wks
Wilton
Hurdsfield
Sykeston
Carrington
Melville
Cooperstown
Hannaford
Colgate
Trotters 6SE
Trotters 3S
Medora 23NNW
Fairfield
Golden Vly 10S
Center
Glen Ullin 13N
Tuttle
Pettibone
Kensal WL Ref
Woodworth 5E
Pingree
Courtenay
Buchanan
Baldhill Dam
Amenia
Wibaux 2E
Beach
Medora 3NNE
Fryburg 1NE
Belfield
Dickinson Exp Sta
Dickinson CAA AP
Richardton Abbey
Glen Ullin
New Salem 1S
Mandan Exp Sta
Mandan Ft Linc Pk
Bismarck 2ENE
Bismarck WB AP
Steele
Dawson
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Sentinel Butte 20S
Bowman 30NNW
Amidon
Lefor 10E
Almont 7SW
Moffit 4SE
Montpelier
Litchville
Enderlin
New England
Burt 16N
Mott
Flasher
Hazelton RR Sta
Gackle
Nortonville
Grand Rapids 1N
Verona
Lisbon
McLeod 3E
Wahpeton Pwr Pl
Wahpeton St Sch
Marmarth
Marmarth MDU
Reeder 14N
Carson
Carson No.2
Elgin 5S
Breien
Napoleon
Kulm
Edgeley Exp Farm
Bowman Court House
Scranton
Reeder
Hettinger 17N
Pretty Rock
Shields
Linton
Wishek
Fullerton
Dakes
Forman
Campbell
Bowman 11SE
Haley
Haynes 6N
Hettinger
Watauga SD 8N
Selfridge 11W
Ft Yates
Rague
Ashley
Forbes 13NW
Ellendale
Hankinson RR Sta
Ludlow 2NW
Ellingson 1NW
Lemmon
McIntosh
Pollock
Eureka
Britton
Victor 5NE
Sisseton 3E
Wheaton
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording; ● Recording; ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
STATUTE MILES
10 0 10 20 30 40
Revised 11/55 WRPC KC

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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Volume LXV No. 5

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ASHEVILLE: 1956

NORTH DAKOTA - MAY 1956

WEATHER SUMMARY

Temperatures ranged widely--from an invigorating 18 degrees to a soothing 93 degrees--but averaged only slightly below seasonal. Plentiful rains improved the pastures and brightened crop prospects.

The first week was cool and cloudy with light precipitation on most days. Snow fell in some localities. Snowfall amounts ranged from a few flakes at most stations to 6.0 inches at Steele. Most stations registered their coldest temperatures during the first four days of the month. Monthly minimums ranged from 30 degrees at Minot Experiment Station on the 3d, at Marmarth on the 3d and 6th, and at Hankinson on the 4th to 18 degrees at Arvilla State Park and Eckman 2 SE on the 1st and at Moffit on the 4th. The cold days and freezing nighttime temperatures delayed spring field work. Southerly winds on the 8th pushed the afternoon temperatures to near 80 degrees over the north and slightly above 80 degrees over the south. These were the warmest temperatures in the State since last October. The "warm spell" lasted only a day. On the 9th Canadian air began spilling into the State again and the mercury dropped into the 30s in many parts of North Dakota. At some stations, the mercury did not rise out of the 40s in the afternoon. Coupled with the cold temperatures came rain--over an inch in some parts. The rain was welcome, however, for April had been very dry. Some fields had been too dry to work and some soils were too dry for seed germination. The weather during the rest of the second week was unsettled. Occasional rains brought the weekly totals to almost two inches in the southeast and south central but less than a half inch in some northern sections. There was sufficient soil moisture, however, to germinate the seeded grains and give them a good start as soon as the weather warmed.

A warm front moved eastward across the State on the 16th. The winds shifted to southerly and the afternoon temperatures rose to the 70s. The warm dry weather accelerated spring planting. The emphasis in the northeast was in getting the durum wheat into the ground. Most farmers in the southern part of the State had finished seeding hard wheat and over 75% had emerged. Oats, barley, and flax seeding made rapid strides. Corn and potato planting was getting a start in the south. The warm weather during the third week of May coupled with the rains of the previous week gave pastures and ranges a good boost. The "cold front" which crossed the State on the 18th dropped the temperatures slightly and produced a few piddling showers. The excellent weather continued. The 21st and 22d were unusually warm. Most stations registered their highest temperatures for the month on those dates. The monthly maximums ranged, in general, from the lower 80s in the extreme east to the lower 90s at a few northwestern and north central stations. The lowest monthly maximum, 79 degrees, occurred at Pembina on the 21st; the highest temperature for the State, 93 degrees, at Watford City 14 S on the same date.

Artic air poured into the State on the 23d and 24th and early morning temperatures dropped into the 30s and 40s. Sub-freezing temperatures occurred at a few northeastern stations on the 23d. Temperatures rose rapidly on the 25th and the warm weather continued until the 29th. Most portions of the State received moderate to heavy precipitation from the 27th to 29th. This was very beneficial; rains had been needed especially in the extreme west. Polar continental air flowed into North Dakota on the 30th and 31st. Light frost occurred at a few northern stations on the 31st.

Monthly mean temperatures ranged from 48.2 degrees at Munich 4 SW to 56.5 degrees at Linton. Monthly mean temperatures at most stations were lower than the long-term means. The greatest negative departures were in the extreme northeast, the extreme southeast, and at Mayville in the extreme east central portion. The monthly mean temperatures at several northwestern and west central stations and a few stations elsewhere were slightly above the long-term means. Monthly precipitation totals ranged from 0.65 inch at Ambrose to 6.21 inches at Gackle. In general, the lightest showers fell over the northwestern and north central counties, and the heaviest precipitation fell over the central and south central counties. Rainfall was below the long-term means over the extreme northwest, the extreme southwest, and over several east central counties. It was above the long-term means over most of the rest of the State. Washburn Waterworks received three times the long-term mean.

The farmers took full advantage of the weather. The wheat seeding was completed and fields were up to thrifty stands. Corn planting made progress in the south and potato planting moved ahead in the Red River Valley. Early planted flax had emerged in most sections.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH OAKOTA
MAY 1956

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	E	19	13.2	52	NW	30	74	80	48	50	7	7	5	1	1	0	21	54	6.3
OEVILS LAKE WB CITY	–	–	9.4	29	NW	14	–	–	–	–	8	6	3	1	0	0	18	63	6.4
FARGO WB AIRPORT	N	18	15.8	54	NW	16	72	78	50	48	4	8	2	1	0	0	15	52	6.8
WILLISTON WB CITY	–	–	8.2	35	W	11	–	79	51	46	4	3	6	0	0	0	13	57	6.8

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EASTERN OIVISION																								
AMENIA		68.9	41.0	55.0		84	21+	25	1	312	0	0	3	0	2.74		0.62	29	0.0	0		8	2	0
ARVILLA STATE PARK			37.3			89	21	18	1		0	0	12	0	2.27		0.55	28	0.0	0		6	1	0
CARRINGTON	AM	63.3	40.3	51.8	- 1.4	84	22	26	5	409	0	0	5	0	2.15	- 0.14	0.58	11	0.3	0		6	1	0
CAVALIER		65.9	38.8	52.4		86	21	26	1	388	0	0	7	0	2.91		1.11	28	0.0	0		7	1	1
COOPERSTOWN		67.0	40.5	53.8		85	21+	27	5	348	0	0	6	0	2.16	- 0.20	0.72	11	0.0	0		5	1	0
DEVILS LAKE WB CITY	R //	62.9	40.5	51.7	- 1.3	85	21	29	1	406	0	0	5	0	1.56	- 0.57	0.55	28	0.4	T	1+	4	1	0
EDGELEY EXP FARM	AM	65.4	42.0	53.7	- 1.2	86	22	25	4	358	0	0	2	0	3.09	0.71	0.82	30	0.0	0		7	2	0
EOMORE 1 W		63.6	39.0	51.3		84	21	28	1	418	0	0	10	0	2.26		0.91	28	0.0	0			1	0
ELLENOALE		68.7	43.1	55.9	0.1	84	22	24	4	283	0	0	1	0	2.12	- 0.10	0.67	28	0.0	0		8	1	0
ENOERLIN	AM	65.3	42.1	53.7		84	22	27	1	357	0	0	3	0	3.20		0.80	11	0.0	0		7	4	0
FARGO WB AP	R //	65.3	41.3	53.3	- 1.7	83	21	28	1	361	0	0	4	0	1.63	- 0.54	0.87	10	0.0	0		3	1	0
FORMAN		68.8M	43.6M	56.2M		83	21+	26	4	280	0	0	1	0	3.12	0.57	1.43	28	0.0	0		6	1	1
FULLERTON		68.5	44.0	56.3	0.2	87	21	26	4	278	0	0	1	0	2.52	0.01	0.62	9	0.0	0		6	2	0
GACKLE		66.3	42.5	54.4		84	21	24	4	326	0	0	3	0	6.21		1.75	28	T	T	1	7	4	2
GRAFTON		66.8	39.9	53.4	- 2.0	86	21+	29	1	357	0	0	6	0	2.63	0.77	0.84	28	0.0	0		9	1	0
GRANO FORKS CAA AP	R	64.7	39.3	52.0		87	21	29	1+	396	0	0	8	0	3.31		0.79	10	T	0		6	3	0
GRANO FORKS UNIVERSITY		65.4	40.7	53.1	- 1.8	85	21	29	7	361	0	0	6	0	3.05	0.72	0.50	10	0.0	0		9	1	0
GRAND RAPIOS 1 N		69.5	42.5	56.0		87	21	23	4	283	0	0	2	0	4.03		1.25	30	0.0	0		7	2	1
HANKINSON R R STATION	AM	65.8	42.3	54.1	- 2.4	88	22	30	4	343	0	0	4	0	2.71	0.30	1.42	11	0.0	0		8	1	1
HANNAH		63.5M	36.3M	49.9M		84	21	29	3+	441	0	0	11	0	1.68	- 0.38	0.56	11	0.0	0		4	1	0
HILLSBORO		67.6	40.5	54.1	- 1.3	85	21+	27	1	339	0	0	4	0	2.79	0.37	0.47	2+	0.0	0		8	0	0
JAMESTOWN CAA AP	R //	64.7	40.3	52.5		85	21	26	4	379	0	0	4	0	4.23		0.89	10+	T	T	2+	9	4	0
JAMESTOWN STATE HOSP		67.5	42.7	55.1	- 0.1	87	21	27	4	306	0	0	3	0	3.99	1.80	1.35	28	0.0	0		8	3	1
KENSAL WILOLIFE REFUGE		67.6M	40.3	54.0M		86	21	23	5	336	0	0	6	0	3.21		0.88	29	0.0	0		7	3	0
LANGOON EXP FARM		63.5	36.7	50.1	- 2.4	83	21	27	15	456	0	0	11	0	2.51	0.56	0.75	28	0.5	0		6	1	0
LARIMORE		66.7	40.2	53.5	- 1.1	86	21	24	1	353	0	0	8	0	2.13	- 0.08	0.57	11	0.0	0		7	1	0
LISBON		67.7	41.9	54.8	- 0.8	83	21+	26	4	319	0	0	3	0	5.28	2.93	1.50	28+	0.0	0		8	4	2
MAYVILLE		66.4	40.5	53.5	- 2.2	85	21	24	1	356	0	0	8	0	3.07	0.80	0.57	30	0.0	T	1+	8	3	0
MC HENRY 5 N		65.5	39.5	52.5		86	21	25	4	381	0	0	7	0	1.46		0.35	28	1.0	0		5	0	0
MC LEOO 3 E		68.0	42.1	55.1	- 1.5	84	21	25	4	314	0	0	4	0	2.54	0.03	0.71	11	0.0	0		5	3	0
MC VILLE		65.5	38.6M	52.1M		85	21	25	1	420	0	0	7	0	2.02		0.79	28	0.0	0		7	1	0
MUNICH 4 SW		61.5	34.8	48.2		82	21	26	1+	514	0	0	14	0	2.05		0.45	28	T	0		7	0	0
OAKES	AM	65.6	43.4	54.5	- 1.1	82	22+	23	4	335	0	0	1	0	2.24	- 0.08	0.50	9	0.0	0		6	1	0
PARK RIVER		67.3	39.3	53.3	- 0.9	85	21+	26	1	360	0	0	6	0	2.61	0.82	0.91	28	0.0	0		6	1	0
PEMBINA 2 N		65.2M	38.3M	51.8M		79	21+	28	6	406	0	0	7	0	3.62	1.73	1.16	28	0.0	0		7	3	1
PETERSBURG		65.1	38.4	51.8		85	21	22	1	404	0	0	10	0	1.59	- 0.44	0.52	28	0.0	0		3	1	0
SHARON		64.6	40.4	52.5	- 1.3	83	21	27	1+	381	0	0	6	0	2.35	- 0.29	0.42	28	1.0	0		8	0	0
VALLEY CITY		67.3	42.8	55.1	- 1.0	85	21	26	4	310	0	0	2	0	2.60	0.25	0.86	30	0.0	0		6	2	0
WAHPETON STATE SCHOOL		68.8	42.8M	55.8M	- 1.7	82	21+	28	1+	296	0	0	5	0	3.06	0.42	1.04	11	0.0	0		7	2	1
DIVISION				53.4											2.79				0.1					
MIOOLE OIVISION																								
ASHLEY		65.9	41.5	53.7	- 0.7	85	21	21	4	347	0	0	6	0	4.41	2.43	2.21	27	3.0	3	1	7	3	1
BELCOURT INOIAN RES		64.5	37.9	51.2		87	22	27	1+	425	0	0	11	0	1.70		0.97	11	T	0		4	1	0
BISBEE		63.8	39.4	51.6		87	21	28	1	409	0	0	7	0	1.58		0.70	11	T	0		5	1	0
BISMARCK WB AP	R //	66.4	43.3	54.9	0.1	88	21	24	4	308	0	0	2	0	3.83	1.89	1.10	10	T	T	1+	7	2	1
BOTTINEAU	AM	63.2	39.9	51.6	- 1.8	89	22	26	4	414	0	0	6	0	1.87	- 0.10	0.57	11	2.8	T	3+	8	1	0
BUTTE	AM														2.44		0.63	28	T	T	3	6	1	0
CARSON NO 2	AM	66.4	42.0	54.2	- 0.6	88	22	23	4	334	0	0	5	0	2.30	- 0.06	0.57	11+	1.0	0		6	2	0
CENTER		67.0M	40.9M	54.0M		89	21	20	3+	337	0	0		0	4.20		1.47	28	0.0	0		8	2	1
ORAKE	AM	65.1M	41.2M	53.2M	- 0.8	89	22	28	4	368	0	0	5	0	2.46	0.62	0.75	11	0.0	0		6	3	0
ECKMAN 2 SE	AM	65.2	36.4	50.8	- 2.5	90	22	18	1	435	1	0	8	0	1.61		0.63	11	0.0	0		5	1	0
FESSENDEN		67.1	41.0M	54.1M	- 0.1	87	21	27	4+	331	0	0		0	2.84	0.70	0.67	10	0.0	0		9	3	0
FORT YATES		67.7M									0	0		0					T	0				
FOXHOLM 7 N		67.4	41.4	54.4	0.2	88	21	27	4	329	0	0	4	0	1.47	- 0.37	0.39	11	0.0	0		7	0	0
GARRISON	AM	65.0M	41.1	53.1M	- 1.1	89	22	26	4	365	0	0	4	0	3.07	1.02	0.85	28	0.0	0		7	3	0
GRANVILLE		67.6	40.8	54.2	- 1.1	90	21	28	4	331	1	0	4	0	2.12	0.08	0.53	28	1.0	0		7	1	0
HANSBORO		64.0M	39.3M	51.7M	- 0.2	87	21	28	1	409	0	0	7	0	1.40	- 0.45	0.54	11	T	0		5	1	0
LEEOS		65.8	40.3	53.1		87	21	28	1	362	0	0	5	0	2.59		0.87	28	5.0	T	1+	6	2	0
LINTON		69.4	43.6	56.5	- 0.1	89	21	20	4	273	0	0	1	0	3.28	1.23	1.07	10	0.0	0		7	2	1
MADOOCK AGR SCHOOL		67.8	40.0	53.9	- 0.3	86	21	27	1+	341	0	0	5	0	1.97	- 0.04	0.38	10	T	0		7	0	0
MANOAN EXP STATION	AM	65.8	43.6	54.7	- 0.5	88	22	23	4	319	0	0	2	0	3.45	1.50	0.93	11	T	0		10	2	0
MANOAN FT LINCOLN PARK		69.9	40.7	55.3		89	21	23	4	296	0	0	4	0	4.04		1.33	10	T	T	1	9	2	1
MAX	AM	64.0	40.9	52.5	- 0.7	89	22	27	4	389	0	0	5	0	2.77	0.58	0.87	28	0.0	0		8	2	0
MC CLUSKY		67.6	41.7	54.7	0.4	88	21	25	4	324	0	0	5	0	3.24	0.92	0.97	28	0.0	0		7	3	0
MINOT CAA AP		64.8	41.2	53.0		89	21	29	3+	367	0	0	4	0	1.53		0.57	10	T	0		4	1	0
MINOT EXP STATION	AM	64.4	41.0M	52.7M		90	22	30	3	368	1	0	2	0	2.46		0.72	29	0.5	T	3+	8	2	0
MOFFIT 4 SE		67.7	41.4M	54.6M		86	21	18	4	306	0	0	7	0	5.38		1.58	30	T	0		9	5	1
MOHALL		67.3	40.8	54.1	0.1	90	21	26	1	338	1	0	5	0	1.51	- 0.50	0.36	11	0.0	0		5	0	0
NAPOLEON																								

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NEW SALEM 1 S		66.6	40.3	53.5	- 1.1	89	21	23	4	351	0	0	4	0	2.97	0.95	0.94	28	0.0	0		7	2	0
PETTIBONE		66.5	40.0	53.3	- 0.6	85	21	22	4	361	0	0	7	0	3.97	1.86	0.90	28	0.0	0		9	3	0
RIVERDALE	AM	63.3	41.9	52.6		88	22	25	4	382	0	0	4	0	4.50		1.24	28	0.0	0		8	4	1
ROLLA		63.4	38.9	51.2		87	21	27	1	422	0	0	6	0	1.39		0.41	10	T	T	1	4	0	0
RUGBY		67.5	41.5	54.5		89	21	28	4	329	0	0	4	0	2.32	0.56	0.81	11	T	0		6	2	0
SAN HAVEN		63.3	40.3	51.8	- 1.3	87	21	27	4	407	0	0	5	0	2.22	0.30	0.80	11	T	0		6	2	0
STEELE		68.1	41.4	54.8	0.5	86	21	22	4	315	0	0	4	0	4.67	2.41	1.62	28	6.0	T	1	7	4	1
TOWNER		67.2M	40.1M	53.7M	- 0.8	91	21			350	1	0	5	0	2.26	0.28	0.60	11+	0.0	0		7	2	0
TURTLE LAKE																								
UNDERWOOD	AM	64.5	38.7	51.6		88	22	24	4	408	0	0	7	0	4.00		1.28	28	0.0	0		8	3	1
UPHAM 3 N		68.7	41.1	54.9		92	21	27	5	312	1	0	3	0	1.47		0.43	11	0.5	0		6	0	0
VELVA		68.2	41.5	54.9	- 0.4	90	21	27	5	320	1	0	4	0	1.98	- 0.18	0.85	28	0.0	0		6	1	0
WASHBURN		68.5	42.1	55.3	- 0.6	90	21	25	4	300	1	0	2	0	5.25	3.50	1.55	24	0.0	0		8	3	2
WESTHOPE		66.0	39.6	52.8	- 1.5	91	21	29	1+	374	1	0	6	0	0.95		0.37	10	0.0	0		3	0	0
WILLOW CITY		65.2	40.5	52.9	- 0.2	90	21	27	4	371	1	0	5	0	2.08	0.27	0.79	10	T	T	1+	5	1	0
WILTON																								
WISHEK		66.4M	41.1M	53.8M	0.0	85	21	20	4	344	0	0	4	0	4.25	2.09	1.90	27	0.0	0		4	3	1
DIVISION				53.5											2.78				0.5					
WESTERN DIVISION																								
ALMONT 7 SW		67.1	42.7	54.9		89	21	25	4	312	0	0	4	0	2.68		1.14	28	T	0		5	2	1
AMIDON	AM	65.0	39.3M	52.2M		88	22	24	2	404	0	0		0	2.11		0.89	28	1.0	1	1+	4	1	0
BEACH	AM	65.2	41.5	53.4		89	22	27	2	361	0	0	5	0	2.08		0.65	29	0.5	1	1	4	1	0
BELFIELD		66.0	39.5	52.8		88	21	23	2+	377	0	0	6	0	2.90		1.34	28	T	0		7	2	1
BEULAH	AM	62.2	38.9	50.6		88	22	19	4	445	0	0	7	0	3.34		1.05	29	0.0	0		7	3	1
BOWBELLS		66.4M	38.3M	52.4M		90	21	26	1+	396	1	0		0	1.70		0.45	11	0.0	0		6	0	0
BOWMAN COURT HOUSE		66.3M	40.5M	53.4M	- 0.8	86	21	23	2	357	0	0	6	0	1.82		0.60	28	4.5	2	1	5	1	0
CROSBY		66.4M	40.0M	53.2M	0.3	90	21	24	3	366	1	0	5	0	1.05	- 0.59	0.35	10	0.0	0		5	0	0
DICKINSON CAA AP	R //	65.4	41.3	53.4		88	21	25	4	359	0	0	4	0	2.03		1.22	28	T	0		5	1	1
DICKINSON EXP STATION	AM	65.2	40.9	53.1	0.0	89	22	23	4	370	0	0	6	0	2.90	0.89	0.82	28+	T	T	1+	7	2	0
DUNN CENTER 2 SW	AM	64.1	42.2	53.2	0.1	83	20	26	4	368	0	0	4	0	2.00	0.01	0.65	28	0.0	0		6	1	0
FAIRFIELD		64.4	41.0	52.7		86	21	23	2	373	0	0	4	0	2.32		1.02	28	4.0	2	1	6	1	1
GRENORA		66.7M	38.7	52.7M		89	21	20	3	374	0	0	5	0	1.66		0.50	6	0.0	0		4	1	0
HETTINGER		67.5M	41.9M	54.7M	- 0.3	88	22	26	2	319	0	0		0	1.70	- 0.41	0.82	28	3.0	1	1	5	1	0
KENMARE	AM	63.3	39.8	51.6		89	22	28	3	414	0	0	5	0	1.67	- 0.19	0.75	11		0		5	1	0
LOSTWOOD 12 N																								
MARMARTH		68.3M	42.6M	55.5M	0.0	89	21	30	3+	306	0	0	4	0					4.6	T	1			
MEDORA 3 NNE		69.5	39.9M	54.7M		91	21	22	4	317	1	0	4	0	2.40		1.48	28	T	0		4	1	1
MOTT		67.0	40.5	53.8	- 1.2	89	21	23	4	349	0	0	6	0	3.61	1.71	3.11	28	3.0	2	1	3	1	1
NEW ENGLAND		66.9	40.3	53.6	- 1.2	88	21	24	4	350	0	0	5	0	2.32	0.44	1.32	28		5	1	4	2	1
NEWTOWN		67.0	41.0	54.0	0.6	89	21	25	4	340	0	0	5	0	1.96	0.30	0.54	24	0.0	0		6	1	0
PARSHALL		66.9	40.3	53.6		89	21	24	4	347	0	0	8	0	2.37	0.35	0.74	28	0.0	0		5	2	0
PORTAL	AM	63.8	39.9	51.9	- 0.8	89	22	26	3+	406	0	0	7	0	1.38	- 0.50	0.62	11	0.0	0		4	1	0
POWERS LAKE 1 N						89	21	22	4		0	0		0	0.77		0.23	6	T	T	1+	3	0	0
RAUB 10 SSW		66.4	42.4	54.4		90	21	27	4	325	1	0	4	0	2.56		1.20	28	T	0			2	1
RICHARDTON ABBEY		67.6	42.9	55.3	0.9	90	21	27	4	306	1	0	4	0	2.88	0.86	1.83	28	T	T	1	4	1	1
STANLEY		63.9	39.2	51.6		89	21	24	3	413	0	0	7	0	1.83		0.39	10	0.0	0		7	0	0
TIOGA 1 E	AM	63.7	38.4	51.1		91	22	24	3+	427	1	0	10	0	1.13		0.49	6		0		5	0	0
WATFORD CITY		67.1	41.8	54.5	- 0.6	91	21	24	3	334	1	0	5	0	2.64	0.79	0.64	10	0.0	0		6	3	0
WATFORD CITY 14 S		70.7	41.5	56.1		93	21	25	4	280	1	0	3	0	1.54		0.44	10	0.0	0		5	0	0
WILLISTON WB CITY	R //	64.6	43.6	54.1	- 0.5	88	21	26	3	338	0	0	4	0	1.86	0.20	0.49	10	T	0		6	0	0
DIVISION				53.4											2.11				0.8					

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
MAY 1956

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABERCROMBIE 3 NW	2.76	T	.40	.07	.02					.06	T	.87		.01			T								.79				.11	.04	.39		•
ADAMS 7 S	2.76	.10	.20						.41	T	.02	.31			.07	.09	.06												1.10	.05	.20	.15	•
ALEXANDER	1.84	.21	.06			.24	.06				.57			.02											.25	.01			.34	.08	T		•
ALMONT 7 SW	2.68	.17		.02		.04					.59			.02											.06	.02		.04	1.14	.20	.38		•
AMBROSE 3 N	.65		.05	T				.02	.03	.05	.50				T																T		•
AMENIA	2.74		.25	.15						.09	.28	.60												.10		.30			.04	.62	.31		•
AMIDON	2.11	.15	.06	T			.03			T	.47		.01		.06														.89	.40	.03	.01	•
ARVILLA STATE PARK	2.27	T	.26		.07				.01	.02	.43	.19	T	.02			.09	.01											.55	.25	.30	.07	•
ASHLEY	4.41	.53	.02			.01				.16	.57	.01													.07	.35		2.21	.13		.35		•
BALTA	2.24	.13	.10	.18			.15			T	.40	.48				.03										T			.54		.23		•
BANTRY	1.64			.37			.28					.41														.10			.14	.23	.11		•
BEACH	2.08	.04	.37	.01		T	.09			.05	.38	.02			.04	T													.35	.65	.08		•
BELCOURT INDIAN RES	1.70	T	.17	.09			.12		.04		.03	.97	T	.04	T	T	T		T							T			.11		.06	.07	•
BELFIELD	2.90	.34	.02	T	T	.11	.09			.14	.54		T	.06	.12	T								T	T	T		T	1.34	.12	.02		•
BERTHOLD	1.90	.12	.39	.05		.05	.12				.62	.25																	.18		.12		•
BEULAH	3.34		.14			.23				.01	.06	.50													.45				.70	1.05	.20		•
BISBEE	1.58	T	.29	.04			.11		T		.16	.70			.06														.21			.01	•
BISMARCK WB AP R//	3.83	.27	.06	T	T	.04	.01	T	.69		1.10		T	.01	T	T			.02			T			.39	.07		.36	.42	.09	.28		•
BISMARCK 12 ENE	3.76		.34	.06	T		.01			.09	.02	.93			.01										.39	.13			.61	.41	.75	.01	•
BOTTINEAU	1.87		.12	.13	.31		.24	.01	.04	T		.57		.02		.01	.01	T	.01										.01	.15	.10	.14	•
BOWBELLS	1.70	.15	.22	.05		T	.23	.04			.24	.45		.05	T		T	T											.21	.03	.03	T	•
BOWMAN COURT HOUSE	1.82	.33								T	.40		.26	.05		.03													.60	.15			•
BOWMAN 11 SE	1.75	.34	.02	.01		.03			.02		.20		.19	.05	.03											.06			.77	.03	T		•
BOWMAN 30 NNW	2.28	.42				.17					.37			T															1.32				•
BURT 16 N	1.66	.33				.03					.03		T	.30												.03			.85	.05	.04		•
BUTTE	2.44		.24	.25			.16				.04	.47				.06			T						.02				.63	.46	.07	.04	•
CARRINGTON	2.15		.26	.10	T					.08		.58													.08	.01			.42	.43	.09	.10	•
CARSON NO 2	2.30		.10				.04			.04	.03	.57			.36										.05				.57	.41	.13	T	•
CAVALIER	2.91	T	.25						.05	.23		.37			T	.06	.37	.02			.01					T	.15		1.11		.21	.08	•
CENTER	4.20	.17			T	.10	.05			.08	.91			.08											.40			.26	1.47	.26	.42		•
COLGATE	2.66	.08	.30	.15						.02	.30	.22													.05				.24	.68	.62		•
COLUMBUS	1.43	.10	.25				.06	.15			.19	.34		.04	T											.24			.02	.04			•
COOPERSTOWN	2.16	.04	.27	.10			T			.08	T	.72					T	T							.03				.42	.03	.44	.03	•
COURTENAY	1.88	.24	.24	T																									.80	.10	.50		•
CROSBY	1.05	.03	.08			.03	.14				.35	.17			.01								T			.12				.11	.01		•
DEVILS LAKE WB CITY R//	1.56	.16	.06	.07		.09	.03		T		.36	T		T	T		T	T				T				.05			.55	.06	.13	T	•
DICKINSON CAA AP R//	2.03	.10	T		T	.01			.24	.03	.22			.14	T						T							.01	1.22	.06	T		•
DICKINSON EXP STATION	2.90	T	.31	T	T		.08			.17	.23	.20			.23	T													.82	.82	.04	T	•
DONNYBROOK	-	.03	.21	.01			.31	T			-	-																		.18	.02		•
DRAKE	2.46		.22	.18	.01			.04				.75				.07									T				.52	.51	.12	.04	•
DUNN CENTER 2 SW	2.00		.18	T			.17			T	.09	.31			.09										.21				.65	.30			•
ECKMAN 2 SE	1.61		.12	.13	T		.30			.03		.63				.02	T												.03	.06	.05	.24	•
EDGELEY EXP FARM	3.09		.54	.02		T	T			.36		.43							.03						.08	.20	.02		.31	.27	.82	.01	•
EDMORE 1 W	2.26	*	.30						.23		.40				.05		.05		T	T				.05		.02			.91		.25		•
ELGIN 5 S	2.28	.30	T	T		.02	T		T	T	.35	T	T	T	T	T										T		T	1.42	.09	.10		•
ELLENDALE	2.12	.37	.10	.03		T	.04			.11	.23	.25		T		T			T						.16		.01		.67	.01	.14		•
ENDERLIN	3.20		.52	.05	.06					.18		.60											.03		.12	.52			.09	.62	.21		•
EPPING	1.82	.15	.12			.44			.02		.52	.12		T											.23	.02			.10	.10	T		•
FAIRFIELD	2.32	.38	.03			.20	.03			.10	.43			.10	.01														1.02	.02	T		•
FARGO WB AP R//	1.63	.12	.05	.04					T	.01	.87	.02	T		T		.08								.03				.06	.05	.30	T	•
FESSENDEN	2.84	.17	.10	.21			.04			.01	.67	.05			.04										.10	.17			.60	.50	.16	.02	•
FLASHER	2.93		.14				.02			.08		.91																	.83	.58	.37		•
FLAXTON	1.71	.10	.17	.02		T	.28	.01			.39	.29	T	.02	.01				.02							.18			.11	.07	.04		•
FORBES 13 NW	3.07	.42	.11	T	T	T	.05			.24	T			.04		T		.04						.04	.36			.20	1.40		.17		•
FORMAN	3.12	.39	.09	T						.34	.09	.39		T	T				.02						.15				1.43	.03	.19		•
FORT YATES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
FOXHOLM 7 N	1.47	.13	.15	.18			.12				.32	.39	.01			.04													.13	T			•
FULLERTON	2.52	.49	.12						T	.62	.26			.06					.04						.07	T		T	.54		.32		•
GACKLE	6.21	.25	.19			.01				.42	.85	.06													.98	.05			1.75		1.63		•
GARRISON	3.07		.23	.06			.21				T	.79			T				T						.53		T		.85	.27	.12	.01	•
GLEN ULLIN 13 N	1.82					.03									T														1.38	.03	.38	T	•
GOLDEN VALLEY 10 S	3.36	T			T	.12				.09	.31			T											.09				2.45	.15	.15		•
GRAFTON	2.63	.02	.39	T	.01				.05	.10	T	.44				.10	.12									T	T		.84	.19	.17	.20	•
GRAND FORKS CAA AP R	3.31	.23	.09	T		T	T		.05	.09	.79	.56		T	T		.26	T	T			T		T					.45	.08	.71	T	•
GRAND FORKS UNIVERSITY	3.05	.03	.33						T	.14	.50	.39				.01	.27						T	T					.26	.27	.37	.48	•
GRAND RAPIDS 1 N	4.03	.33	.21	.07		T				.09	.38	.22													.48		.02		.94	.04	1.25		•
GRANVILLE	2.12	.12	.09	.30		.04	.15				.40	.15				.06										T			.53		.26	.02	•
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
GRENORA	1.66	.01	T			.03	.50				.27	.19		.02											.07	.41	.09			.05		.02	•
HAGUE	2.54	.27	.08		T	.02				.24	.82	T	T	T	T	T									.01	T		.03	.55	.17	.35		•
HALLIDAY	2.46	.13	.05								.35														.38				1.50	.05			•
HANKINSON R R STATION	2.71				.10					.10		1.42			.13										T	.25			.26	.23	.22		•
HANNAH	1.68	T	.18						.09		.04	.56			.02		.09	T		.01				T					.31		.29	.09	•
HANSBORO	1.40	.05	.14				.02		.15		.20	.54			.03		T	.03		T									.13		.08	.03	•
HARVEY	2.99	.02	.46	.02		.05					.80	.17		T		.02										.03			.91	.39	.08	.04	•
HETTINGER	1.70	.26		T							.18			.05												.24		.10	.82	.05			•
HILLSBORO	2.79	T	.47	.03						.23	.40	.42		T			.28												.11	.34	.47	.04	•
JAMESTOWN CAA AP R//	4.23	.39	.11	.27					.06		.89		T				T	T	.09			T			.24	T		.54	.89	.11	.64	T	•
JAMESTOWN STATE HOSP	3.99	.31	.03	.13	.02					.15	.77	.02	T						.05						.25	.02			1.35	.14	.73	.02	•
KEENE 2 S	2.02	.09	.05			.35	.02				.32														.69				.47		.03		•
KENMARE	1.67		.22	.16			.08	T				.75			.07	T											.15		.05	.12	.06	.01	•
KENSAL WILDLIFE REFUGE	3.21	.05	.34	.06						.20	.61	.05													.13				.57	.88	.26	.06	•
KILLDEER 8 NW	2.45	.22	.07			.16	.06				.32			.09	.11										.37				1.01		.04		•
KULM	2.44	.38	.14							.08	.32	.08							.11						.26	.04			1.03	T			•
LANGDON EXP FARM	2.51	T	.28				.02		T	.38	.02	.42				.02	.08							.02			.08		.75		.25	.19	•
LANSFORD	1.65	.10	.10	.28			.18				.28	.39				.03			.01							.05			.08		.13	.02	•
LARIMORE	2.13	T	.31				T				.10	.57					.06						T						.24	.38	.26	.21	•
LEEDS	2.59	.03	.21	.50			.18				.30		T		T	T	.01					.08				.07			.87		.31	.03	•
LEFOR 10 E	2.55	.24	T	T		.05					.25			.08							T					.24		T	1.60	.09			•
LINTON	3.28	.42	.03		T	.02				.23	1.07			.10	T								T		T	T	.01	.12	.38		.90		•
LISBON	5.28	.15	.40	.05						.10	.40	.55													.60				1.50	.03	1.50		•
LITCHVILLE	3.60	.24	.31	.05						.07	.29	.21													.66		.12		.54	.21	.90		•
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
MADDOCK AGR SCHOOL	1.97	.07	.21	.24			.08				.38	.30					T						T			.02			.33	.22	.12		•
MANDAN EXP STATION	3.45		.25	.05			.11			.22	.09	.93		T	.10	T			.04						.38	.15	.05		.55	.23	.30	T	•
MANDAN FT LINCOLN PARK	4.04	.29	.04	.12		.14	.08			.28	1.33	.03		.12					T						.42	.06			.80	.03	.30	T	•
MARMARTH	-	.33				.09					-		T	.04		.03													1.44	.02			•
MARTIN	2.46			.42							.31	.70																.07	.68	.12	.16		•
MAX	2.77		.21	.14			.21				.04	.69			.03										.18				.87	.18	.16	.06	•
MAYVILLE	3.07	.03	.52	.02	T		.05			.25	.45	.53						.16											.19	.27	.57	.03	•
MC CLUSKY	3.24	.11	.06	.07		.16					.61	.02				.08									.23				.97	.66	.24	.03	•
MC HENRY 5 N	1.46	.07	.20	.16			.04			.03	.33	.05	.02				T								T				.35	.12	.06	.03	•
MC LEOD 3 E	2.54									.16		.71					.03								.55				.40		.69		•
MC VILLE	2.02	.07	.27	.12			.04	T		T	.29	.16	T				T												.79	.11	.14	.03	•
MEDINA 1 W	3.66	.25	.15	.06						.03	.79	.03										.07			.38	.05			.88	.31	.66		•
MEDORA 3 NNE	2.40	.40	.03		T	.17					.26			T		.02													1.48	.04			•
MEDORA 23 NNW	1.83	.42	.03				.26			T	.27	.15			.07														.19	.41	.03		•
MINOT CAA AP	1.53	.19	.21	T		.03	.03	T	T		.57	.01			T	.03		T						T	T	T			.44	T	.02		•
MINOT EXP STATION	2.46		.20	.22			.18				.06	.58				.04										T	.11		.23	.72	.10	.02	•
MOFFIT 4 SE	5.38	.23	.10	.05		T	T			.61	.96	.05	T	T		T			T				T		.53	.20		T	.72	.35	1.58	T	•
MOHALL	1.51	.01	.20	.32			.23				.26	.36			.02	T										.04			.02		.05		•
MONTPELIER	4.82	.32	.23	.05						.19	.37	.05	T												.60	T	.35		1.39	.13	1.10	.04	•
MOTT	3.61	.19	.01			T			T	T	.18	.03	T	.06												T		T	3.11	T	.03		•
MUNICH 4 SW	2.05	.02	.31	T					.02	.13	.25	.30		T	.09		T									.10			.45		.32	.06	•
NAPOLEON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	2.32	.58	.03			.03					.26			T															1.32	.10		
NEW ROCKFORD 7 WNW	2.51	.10	.25	.11							.62	.02				T	T	T	T						.04	T			.45	.88	.04	
NEW SALEM 1 S	2.97		.05	.04	T	.10	.05			.30	.78	.01	.03	T	T	T									.29	.01			.94	.12	.25	
NEWTOWN	1.96	.13	.15			.32	.05		.09		.29	.07													.54				.32			
NOONAN	1.16	.09	.11			T	.17				.19	.26													.24				T	.10	T	
NORTONVILLE	2.74	.45		.16							.49														.98				.48	.18		
OAKES	2.24		.41	T						.50	T	.31		T	.03				.15						.05	.07	.01		.49	.06	.16	
PARK RIVER	2.61	T	.35						.05	.07		.36				.06	.03							T			T		.91	.12	.17	.47
PARSHALL	2.37	.08	.15	.02		.25	.02				.68	.08		T					T						.30				.74	T	.05	
PEMBINA 2 N	3.62		.07	.02					.31			.28			.10		.20									.98			1.16		.50	
PETERSBURG	1.59		.34						.06			.43				.03													.52	.09	.07	.05
PETTIBONE	3.97	.22	.21							.27	.77	.19							.05						.58	.01			.90	.39	.34	.04
PINGREE	3.41	.06	.41	.12						.05	.50	.05	T												.08				1.30	.35	.44	.05
PORTAL	1.38	T	.12	.08			.30					.62		.03		T			.01							.15				.04	.03	
POWERS LAKE 1 N	.77	.09	.16				.23	.02			.22	.05																				
PRETTY ROCK	1.89	.16	T		T	.03			.03	T	.39		T	.22	T													.12	.78	.06	.10	
RAUB 10 SSW	2.56	.15				*	.30				.57				T										.27				1.20	.07		
REEDER	1.42	.26	T	T	T	.03			.01		.23		.05	.05												.03		T	.57	.19		
REEDER 14 N	1.71		.10				.06			T	.42	.04	.10	.04	T												.11		.56	.25	.03	
RICHARDTON ABBEY	2.88	.26	.02	.03	T	.04	.01			.14	.24	T	T	.09	.09	T	T								T			T	1.83	.09	.04	
RIVERDALE	4.50		.24	.14	T		.23			.02	.03	.84							T						.67	T	T		1.24	.83	.24	.02
ROLLA	1.39	T	.24	T		.05					.41	.40			T			T						.03		T			.16		.07	.03
RUGBY	2.32	.02	.15	.30			.23			.10	.07	.81			.01											.01			.58		.03	.01
RYDER	2.53	.20	.17			.21					.66														.18		T		1.02		.09	
SAN HAVEN	2.22	.01	.12	.26			.15		.03		.02	.80			T				.01					.02					.52	.05	.23	
SCRANTON	1.54	.23	T			T		.04	T	T	.38	T	.12	.02												T		T	.68	.06	.01	
SELFRIDGE 11 W	2.06		T	.11		.02			.02	T	.65			.20														.17	.35	.15	.39	
SENTINEL BUTTE 20 S	2.33	.27	.05			.12			.22		.50																		1.12	.05		
SHARON	2.35	.05	.34	.10		T				.17	.40	.35					.01												.42	.17	.32	.02
SHERWOOD 3 N	1.28	.03	.11	.07			.24				.20	.35		T												.20			.05		.03	
SHIELDS	3.05	.24				.04				.46	.83			.18											.01			.26	.82		.21	
STANLEY	1.83	.28	.21			.28	.10	T	T		.39	.21		T											T				.36	T	T	
STEELE	4.67	.25	.28	.05	T						.93	.05	T		T	.05			.06						.58	.06			1.62	.19	.55	T
SYKESTON	3.58	.18	.24	.15					T	.09	.25	.47		T														.99	.45	.67	.09	
TAGUS	1.85	.20	.35	.02		.10	.09	.01			.60	.15													T				.31		.02	
TIOGA 1 E	1.13	T	.12	T			.49	T		T	.10	.18			.02	T									T	T			.02	.09	.11	
TOLLEY 4 NE	.74	.08	.08								.42	T		T															T	.16		
TOWNER	2.26		.18	.19			.24				.32	.60																.60	.13			
TROTTERS 6 SE	1.74	.34	T			.24	.04		.04		.36			T	T														.67	.05	T	
TURTLE LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUTTLE	3.60	.04	.29	.09		T				.10	.70	.02				.09									.88				.99	.20	.20	
UNDERWOOD	4.00		.23	.12	T		.21			.01	.03	.61							.03						.75	.04			1.28	.44	.23	.02
UPHAM 3 N	1.47	.01	.10	.20			.32		T	.10	.02	.43				.03	T												.19	.04	.03	
VALLEY CITY	2.60	.05	.33	.07					.14		.51														.38	.04	.06	.14	.02		.86	
VELVA	1.98	.05	.10	.25		.05	.10				.31	.18				.09									T	T			.85		T	
VERONA	3.61	.29	.14	.02						.11	.22	.42													.34	.02		T	.74	.01	1.30	T
WAHPETON STATE SCHOOL	3.06	T	.36	.05						.10	.02	1.04		.12			.02								.65				.45	.07	.18	T
WALHALLA	3.04		.16								.38	.67				.10	.07										.27		.96		.38	.05
WARWICK	1.67		.22	T							.32						T												.37	.57	.19	
WASHBURN	5.25	.17	.06	.10		.14	.05			.07	.91	.03													1.55				1.38	.47	.30	.02
WATAUGA S OAK 8 N	2.76	.33				T			.47		.55		T	.22								T						.14	.91	T	.14	
WATFORD CITY	2.64	.20	.05			.36	.04				.64	.06													.57				.60		.12	
WATFORD CITY 14 S	1.54	.15	.14			.30	.03				.44	T		.01	T	T									.03				.43	.01		T
WESTHOPE	.95	.05	.05				.22		T		.37	.12	T			.05		T											.03	T	.06	T
WILDROSE	1.10	.14	.11			.25	.03				.24	.14														.06			.03	.10		
WILLISTON WB CITY R//	1.86	.18	.04			.27	.03				.49			T	T	T								T	.24	.38			.15	.08		
WILLOW CITY	2.08	.03	.09	.24		.05	.29		.09		.79	.01	T		T		T									T			.29		.20	
WILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISHEK	4.25	.38	.09			.03	.05				.89	.05												T	.09	.06		1.90		.05	.66	
WOODWORTH 5 E	4.98	.22	.10	.18						.10	.60	.03							.04				.03		.30				2.60	.03	.67	.08
ZAHL	1.52	.10	.07	.40				.04			.54	.20		T	.03										T	.02			T	.12	T	

Table 5

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	36	45	49	47	45	56	68	83	70	52	72	67	57	70	65	76	81	77	77	75	89	76	79	70	83	77	77	64	69	63	64	67.1
	MIN	32	32	29	25	37	37	38	51	46	38	40	43	42	37	36	49	41	50	45	46	46	55	46	43	50	47	52	57	52	46	38	42.7
AMENIA	MAX	52	48	50	57	61	56	68	69	65	55	73	71	60	71	67	75	70	70	74	72	64	83	78	79	64	64	62	78	67	69	65	68.7
	MIN	25	33	33	30	27	42	35	50	42	34	43	44	45	37	33	37	44	55	34	41	46	57	30	41	34	41	[illegible]	58	54	53	43	[illegible]
AMIDON	MAX	40	35	44	45	49	52	57	65	77	66	55	70	58	52	67	64	74	81	81	80	75	88	75	61	81	61	79	71	59	56	55	65.0
	MIN	26	24	25	27		32	33	38	42		31	42	36	31	36	44	45	49	44	50	46	51	46	42		47		56	49	47	35	39.3
ARVILLA STATE PARK	MAX												63	59	66	65	71	75	73	70	6	89	86	60	65	79	78	75	72	73	72	66	
	MIN	18	30	31	31	32	36	22	47	36	27	41	32	39	29	30	37	42	52	27	43	51	51	33	33	34	45	51	55	52	49	39	37.3
ASHLEY	MAX	40	45	49	48	46	61	66	69	58	47	72	68	67	70	59	75	75	75	69	74	75	76	72	72	84	76	74	75	66	67	60	65.9
	MIN	32	31	32	21	31	37	37	47	44	37	40	46	46	33	31	43	40	50	40	45	38	53	39	42	49	51	50	61	54	46	39	41.5
BEACH	MAX	47	41	43	46	44	44	58	65	78	63	54	70	61	48	67	60	76	83	81	85	77	81	75	84	60	61	79	70	59	57	56	65.2
	MIN	31	27	28	28	34	35	40	46	44	38	37	39	35	31	38	43	41	44	50	49	53	49	42	45	49	46	55	56	52	49	34	41.5
BELCOURT INDIAN RES	MAX	42	40	41	55	57	52	61	73	70	44	54	58	55	67	61	69	72	74	75	75	66	67	64	65	68	75	76	75	75	73	61	64.5
	MIN	27	31	32	27	28	32	27	45	33	30	36	30	35	32	29	43	33	47	37	45	42	51	37	40	46	47	46	53	50	45	38	37.9
BELFIELD	MAX	35	43	46	45	43	58	67	77	65	57	70	59	50	67	66	75	82	81	83	78	88	77	82	79	81	80	70	60	56	55	68	66.0
	MIN	31	23	26	23	32	35	36	36	43	37	36	41	36	30	36	45	39	41	46	46	50	50	42	44	43	46	51	53	49	46	34	39.5
BEULAH	MAX	44	36	44	45	48	43	49	64	77	62	43	69	63	53	68	60	73	77	72	78	72	86	73	74	58	72	73	73	56	66	55	62.2
	MIN	31	31	27	19	25	34	29	33	43	37	37	41	38	33	32	41	37	43	41	47	46	54	46	43	45	45	46	52	50	45	33	36.9
BISBEE	MAX	43	41	44	56	57	54	63	74	56	46	50	59	58	58	55	70	74	71	74	73	67	76	65	67	72	74	76	74	75	71	61	63.8
	MIN	28	32	32	30	32	32	34	46	34	33	40	38	40	34	31	35	38	50	38	43	43	50	39	42	47	47	45	54	51	45	38	39.4
BISMARCK WB AP	MAX	41	47	50	50	49	60	68	82	62	46	73	64	58	71	62	76	80	74	77	75	88	76	76	61	78	75	76	68	71	61	64	66.4
	MIN	33	34	30	24	39	40	41	50	45	39	42	45	42	38	36	47	42	48	44	48	44	52	45	44	49	50	52	57	55	47	41	43.3
BOTTINEAU	MAX	47	43	44	43	56	58	50	65	75	55	48	54	50	54	67	60	73	77	66	78	71	89	70	67	68	71	77	77	66	76	64	63.2
	MIN	28	33	32	26	28	34	36	46	41	33	37	35	44	30	32	41	37	46	40	45	50	49	38	43	49	42	52	56	53	49	33	39.9
BOWBELLS	MAX	48	48	44	58	57	43	65	76	66	58	58		61	66	62	72	81	72	83	74	90	85	70	68	67	75	76	74	68	57	70	66.4
	MIN	26	28	26	26	37	36	32	49	36	35	36		35	33	31		35	45	41	37	51	45	38	44	47	40	46	53	52	43	28	36.3
BOWMAN COURT HOUSE	MAX	38	42	46	47	47	59	62	77	71	60	68	68	53	65	60	74	80	80	78	78	86	85	81	82	81		80	62	56	56	68	66.3
	MIN	29	23	27	28	35	31	36	41	41	38	39	41	36	30	35	42	45	50	45	49	49	51	48	49	50		46	51	49	47	35	40.5
BUTTE	MAX																																
	MIN																																
CARRINGTON	MAX	47	44	43	41	54	51	51	65	71	54	53	69	66	53	68	57	73	75	66	76	68	84	74	64	58	79	77	79	66	72	64	63.3
	MIN	32	32	32	28	26	37	39	43	46	35	38	41	44	40	35	37	39	47	36	46	38	49	34	40	42	46	46	57	52	52	38	40.3
CARSON NO 2	MAX	47	34	43	46	45	52	63	68	82	65	50	65	63	58	68	66	76	80	78	76	74	88	78	80	79	82	78	75	74	65	60	66.4
	MIN	32	32	26	23	32	37	41	49	43	42	39	36	33	37	36	45	42	49	48	46	47	52	50	45	45	46	49	59	52	49	37	42.0
CAVALIER	MAX	51	48	49	60	60	57	63	70	67	51	55	60	56	71	61	68	68	69	70	69	86	84	60	69	79	76	79	77	76	74	59	65.9
	MIN	26	35	32	34	36	34	30	45	36	31	40	37	42	33	31	38	44	37	37	41	40	51	32	30	42	50	47	52	50	49	40	38.8
CENTER	MAX	41	45	44	49	46	57	69	81	74	57	72	70	60	70		74	80	73	75	75	89	77	68	77	73	77	78	66	70	60	63	67.0
	MIN	34	33	20	20	36	37	32	54	44	38	40	41	41	35		43	38	47	33	50	40	44	46	46	48	49	49	56	53	46	35	40.9
COOPERSTOWN	MAX	48	43	44	56	58	53	67	71	64	50	70	70	62	70	67	72	70	78	75	73	85	85	63	63	81	79	80	78	71	70	60	67.0
	MIN	28	32	32	28	27	36	38	50	41	34	42	42	44	37	32	43	41	54	35	47	38	51	35	41	45	40	41	56	53	53	40	40.5
CROSBY	MAX	47	40	45	56	54	43	66	70	65	60	61	62	56	64	62	73	83	82	84	82	90	82	71	70	70	76		75	73	57	72	66.4
	MIN	27	32	24	25	35	35	33	47	41	38	35	41	37	34	35	49	37	47	44	42	54	46	40	46	47	47		55	50	46	32	40.0
DEVILS LAKE WB CITY	MAX	44	42	43	55	58	54	65	74	49	50	60	63	51	70	55	70	72	64	73	66	85	67	64	65	78	75	79	65	72	65	56	62.9
	MIN	29	32	31	30	31	35	39	48	35	34	42	39	45	38	33	45	40	45	38	46	44	44	36	44	46	49	48	54	52	44	39	40.5
DICKINSON CAA AP	MAX	34	45	48	45	41	57	65	79	63	46	71	60	53	67	61	76	81	80	80	74	88	77	80	77	82	78	73	61	62	57	67	65.4
	MIN	32	28	26	25	33	37	38	46	44	39	37	42	38	35	37	48	45	49	45	46	52	49	43	44	47	49	53	51	48	39	36	41.3
DICKINSON EXP STATION	MAX	47	35	41	49	47	41	57	67	79	65	53	71	53	52	69	64	76	83	79	81	76	89	75	80	75	81	78	75	60	64	58	65.2
	MIN	32	25	29	23	35	32	37	42	45	40	38	42	39	32	40	40	39	42	46	45	52	51	40	45	47	49	50	57	51	48	36	40.9
DRAKE	MAX	47	41	45	45	56	53	50	67	78			67	64	52	69	59	74	77	69	78	71	89	73	68	62	78	77	79	60	73	68	65.1
	MIN	32	32	32	28	32	37	36	41	41			39	41	37	35	38	39	46	41	45	47	50	40	44	44	48	50	57	53	53	36	41.2
DUNN CENTER 2 SW	MAX	46	47	47	45	48	40	50	61	75	65	50	68	61	54	67	70	73	79	80	83	75	81	73	78	61	74	75	75	65	66	56	64.1
	MIN	27	28	28	26	34	33	34	39	44	49	38	39	40	36	37	46	43	56	46	52	56	52	42	44	47	50	47	54	52	49	39	42.2
ECKMAN 2 SE	MAX	48	43	44	45	56	56	48	67	78	61	49	57	62	56	68	61	75	80	69	82	75	90	73	71	69	71	80	79	71	75	62	65.2
	MIN	18	25	30	28	25	22	31	37	41	34	35	38	37	34	35	37	37	41	36	36	42	44	41	40	43	44	48	48	43	49	30	36.4
EDGELEY EXP FARM	MAX	46	45	46	47	51	51	61	67	66	55	54	73	67	58	72	62	76	74	73	72	73	86	76	65	61	82	75	79	78	67	68	65.4
	MIN	34	32	35	25	37	39	39	46	46	36	41	44	45	36	34	38	40	53	35	47	36	54	38	42	41	51	47	62	55	54	41	42.0
EDMORE 1 W	MAX	44	41	45	54	58	53	62	71	65	45	55	61	55	69	55	68	70	70	72	69	84	76	60	66	78	76	77	73	76	68	56	63.6
	MIN	28	31	31	31	30	32	32	47	32	32	40	37	42	37	30	42	40	48	39	42	40	46	35	40	45	46	47	50	50	46	38	39.0
ELLENDALE	MAX	45	49	49	50	51	63	70	67	66	54	76	75	66	71	69	76	75	75	73	74	76	84	71	72	83	80	83	79	73	70	64	68.7
	MIN	36	35	36	24	39	39	37	48	47	37	41	46	48	36	35	42	42	53	40	45	42	39	40	42	48	53	49	60	57	57	42	43.1
ENDERLIN	MAX	49	49	46	47	52	55	62	70	68	50	49	73	65	57	72	56	75	73	72	74	74	84	76	62	64	81	78	81	76	66	68	65.3
	MIN	27	34	34	29	35	39	39	43	47	37	38	45	45	37	34	39	40	54	32	50	36	57	35	42	43	52	49	60	57	54	43	42.1
FAIRFIELD	MAX	38	42	46	45	42	53	64	75	62	54	69	61	56	66	60	75	80	75	81	75	86	73	77	69	75	75	73	68	59	55	67	64.4
	MIN	31	23	26	28	34	34	35	46	44	38	36	40	36	33	38	47	46	51	44	46	46	47	45	46	46	49	50	55	50	44	38	41.0
FARGO WB AP	MAX	54	45	47	59	61	58	69	69	55	56	74	66	58	70	53	74	69	68	72	70	83	73	62	56	82	79	82	74	65	65	55	65.3
	MIN	28	35	33	29	32	39	30	52	39	36	43	47	42	35	34	42	41	41	34	44	40	46	37	44	49	54	53	58	56	48	40	41.3
FESSENDEN	MAX	46	47	45	56	48	50	67	75	74	55	70	68	65	71	64	75	76	75	78	74	87	75	70	61	78	77	71	71	75	70	65	67.1
	MIN	33	32	32	27	27	37		49	41	35	35	41	42	37	34	45	40	46	36	46	42	50	50	35	45	47	56	54	52	45	38	41.0
FORMAN	MAX	47	49	47	51	53	63	69	69	67	59	75	77	67	74	66	75	77	75	74		83	82	66	64	83	82	82	81	75	69	64	68.8
	MIN	36	35	35	26	40	42	35	55	50	37	44	44	48	38	36	41	42	53	36		40	59	38	43	43	45	47	63	59	55	44	43.6
FORT YATES	MAX	41	48	51	50	52	64	68	83		63	75	73	63	71					76	80			81	80	82	77	77		69	67	65	67.7
	MIN	32	33	32	33	40	41	36	50	40	40	39	40	40												52	56	54				37	
FOXHOLM 7 N	MAX	48	45	44	55	56	47	67	77	63	58	60	64	59	65	62	71	80	80	81	79	88	85	71	70	70	77	80	75	75	69	69	67.4
	MIN	29	32	28	27	33	37	35	51	43	36	39	40	41	38	37	45	41	50	41	45	47	52	37	47	47	44	45	58	54	50	35	41.4
FULLERTON	MAX	46	48	48	52	52	64	71	67	62	56	75	69	64	71	66	75	76	75	75	78	87	75	70	67	86	78	83	83	73	69	61	68.5
	MIN	35	34	37	26	39	40	38	49	45	37	42	46	48	36	35	42	39	53	38	57	46	55	39	44	47	52	49	61	57	54	43	44.0
GACKLE	MAX	43	44	46	49	51	62	68	68	64	54	70	68	60	70	63	73	73	71	76	73	84	82	68	63	80	74	76	76	73	71	63	66.3
	MIN	33	31	33	24	33	36	40	50	43	40	45	46	42	34	32	43	41	50	38	48	46	35	40	40	52	49	51	59	57	56	49	42.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	49	37	47	45	53		55	67	77	62	49	69	66	54	70	60	74	79	70	78	73	89	75	74	65	74	74	77	64	71	54	65.0
	MIN	35	32	29	26	30	36	36	45	43	39	41	41	41	35	35	43	39	45	42	47	46	50	49	42	44	41	51	55	53	48	34	41.1
GRAFTON	MAX	53	45	50	59	63	57	63	70	69	54	60	61	57	71	65	70	68	68	71	70	86	86	60	69	80	77	78	77	75	74	65	66.8
	MIN	29	37	33	32	33	36	31	45	38	31	40	36	42	32	32	38	44	54	36	42	36	52	35	34	44	51	47	52	50	53	41	39.9
GRAND FORKS CAA AP	MAX	55	43	49	58	63	57	67	69	56	57	63	63	55	71	52	70	69	64	70	67	87	68	60	68	82	77	82	69	73	67	55	64.7
	MIN	29	36	32	31	30	38	29	48	34	32	41	38	38	32	32	40	41	41	34	43	37	44	36	40	48	52	45	57	54	45	40	39.3
GRAND FORKS UNIVERSITY	MAX	53	45	49	58	62	57	63	70	62	53	64	60	56	71	61	69	67	63	70	66	85	79	60	67	80	77	80	74	73	73	60	65.4
	MIN	32	36	32	30	31	39	29	47	39	34	41	37	45	33	31	38	41	52	36	43	38	51	36	40	48	52	48	56	55	52	41	40.7
GRAND RAPIDS 1 N	MAX	44	49	47	54	65	62	70	68	65	58	75	72	64	75	67	77	75	74	74	75	87	85	75	63	83	77	80	80	69	69	76	69.5
	MIN	35	33	33	23	39	47	40	49	47	37	41	45	47	34	33	44	37	52	33	47	32	54	37	38	47	51	50	63	56	53	42	42.5
GRANVILLE	MAX	46	46	47	57	56	49	68	78	63	57	64	66	60	70	60	74	80	78	81	77	90	82	71	68	72	79	80	71	72	68	65	67.6
	MIN	29	33	30	28	29	36	34	53	41	37	40	39	40	34	35	48	39	50	42	41	46	45	38	46	47	48	47	57	52	45	35	40.8
GRENORA	MAX	48	39	47	56	55	43		70	65	62	67	60	56	56	66	74	84	81	84	83	89	83		73	70	77	76	71	67	60	72	66.7
	MIN	22	33	20	25	32	34	29	42	39	38	35	40	34	36	34	34	38	42	45	44	44	42	43	44	50	42	52	51	50	45	40	38.7
HANKINSON R R STATION	MAX	48	52	49	46	54	55	63	68	70	55	52	75	70	56	68	55	75	71	72	72	74	88	76	64	61	82	78	80	73	68	70	65.8
	MIN	32	35	35	30	32	31	35	40	46	37	41	50	49	40	34	37	38	50	38	48	42	45	36	44	45	51	51	53	62	58	45	42.3
HANNAH	MAX	45	40	45	56	58	53	61	69	53	56	52	60		67	53	69	70	67	72	67	84	81	70	65	72	73	76	71	73	70	56	63.5
	MIN	30	32	29	32	31	32	34	46	32	36	30	33		31	29	42	35	45	39	37	45	46	32	36	45	46	40	52	48	44	35	36.3
HANSBORO	MAX	45	40		57	58	53	61	74		45	50	59	57	57	55	69	73	62	76	65	87	84	64	67	69	73	79	75	74	67	60	64.0
	MIN	28	32		31	30	34	32	46		31	37	37	39	39	31	44	37	48	39	40	45	48	37	36	44	47	42	54	50	45	38	39.3
HETTINGER	MAX	35	45	46	46		62	65	78	69	47	71	65	61	68	60	75	81	80	76	76	86	88	82	81	80	76	71	71	61	58	65	67.5
	MIN	30	26	29	36		39	39	42	42	38	39	40	38	29	38	44	41	49	47	45	49	48	49	45	54	48	52	53	50	43	34	41.9
HILLSBORO	MAX	51	47	51	58	60	57	67	70	64	56	76	66	60	71	70	72	69	68	73	72	85	85	59	62	83	82	79	77	72	70	63	67.6
	MIN	27	33	34	29	31	37	31	47	40	33	42	42	44	35	33	37	42	40	41	43	36	53	37	42	43	49	48	55	55	53	42	40.5
JAMESTOWN CAA AP	MAX	45	45	44	52	51	58	68	69	57	49	72	65	57	70	57	73	75	70	75	72	85	73	63	58	78	76	80	74	70	66	59	64.7
	MIN	30	32	30	26	34	38	39	50	36	36	41	44	39	38	34	45	40	43	34	42	36	42	35	43	45	50	49	59	55	44	40	40.3
JAMESTOWN STATE HOSP	MAX	47	44	44	53	51	58	67	67	67	53	73	72	68	71	71	75	75	75	75	73	87	84	65	65	80	80	80	68	70	73	61	67.5
	MIN	28	32	34	27	35	38	42	49	45	37	42	45	46	39	35	47	42	55	34	46	36	54	39	42	45	51	52	59	55	51	42	42.7
KENMARE	MAX	48	38	42	44	55	53	45	65	75	61	46	60	62	56	65	62	73	80	70	82	75	89	72	70	69	66	78	77	62	67	55	63.3
	MIN	30	32	28	29	35	37	32	36	38	36	36	39	38	37	35	40	39	42	46	40	52	48	39	44	48	43	47	54	53	48	33	39.8
KENSAL WILDLIFE REFUGE	MAX	48	47	44	57	57	55	67	69	66	55	73	69	55		74	77	76	75	75	73	86	85	68	60	79	80	78	70	73	74	62	67.6
	MIN	33	32	31	27	23	30	38	50	44	37	42	40	40	39	32	45	37	53	33	47	39	49	36	43	46	45	45	46	54	54	39	40.3
LANGDON EXP FARM	MAX	44	40	45	59	55	53	60	68	63	45	50	61	54	67	57	68	68	69	70	69	83	79	60	66	75	78	76	74	77	74	60	63.5
	MIN	28	31	28	31	30	31	31	43	35	30	38	33	39	31	27	39	33	44	35	36	41	45	30	34	42	46	44	50	49	49	34	36.7
LARIMORE	MAX	49	42	49	58	62	56	64	72	66	54	65	65	60	71	59	70	70	69	72	70	86	84	60	66	81	79	81	78	73	72	66	66.7
	MIN	24	33	33	31	31	36	29	49	38	31	42	37	46	32	32	40	41	54	32	45	36	51	37	41	44	54	48	55	52	52	41	40.2
LEEDS	MAX	47	42	41	55	57	52	64	74	68	48	59	63	61	70	63	72	74	74	75	75	87	77	66	62	75	77	79	73	75	72	62	65.8
	MIN	28	31	30	30	30	34	39	47	37	34	40	36	41	35	33	46	36	48	46	44	45	50	37	45	47	45	42	54	51	49	39	40.3
LINTON	MAX	40	48	52	50	53	65	70	80	69	50	71	68	60	70	63	78	79	80	80	78	89	81	80	79	84	78	80	78	69	65	65	69.4
	MIN	34	33	33	20	40	41	40	51	41	41	44	48	48	34	35	43	38	46	45	46	44	54	43	44	54	50	54	61	55	51	41	43.6
LISBON	MAX	52	51	45	53	53	62	67	67	66	49	74	74	65	70	69	75	73	71	72	72	83	83	73	64	80	79	79	76	69	69	65	67.7
	MIN	33	30	34	26	35	42	38	38	45	37	36	37	46	36	35	40	41	50	30	50	35	58	36	41	47	55	49	61	58	55	44	41.9
LOSTWOOD 12 N	MAX																																
	MIN																																
MADDOCK AGR SCHOOL	MAX	46	42	44	55	57	52	68	77	72	50	66	66	61	70	65	75	75	75	77	76	86	85	68	67	80	78	79	78	75	72	65	67.8
	MIN	27	32	31	29	27	35	37	49	40	35	42	38	41	38	35	44	34	47	33	46	39	50	35	44	45	44	46	55	52	54	37	40.0
MANDAN EXP STATION	MAX	49	40	47	49	49	46	59	68	81	63	54	73	65	57	71	63	75	79	72	76	73	88	74	75	65	79	74	76	67	71	61	65.8
	MIN	34	33	31	23	38	39	41	51	47	38	41	46	46	38	36	46	45	53	41	49	42	53	44	44	45	50	51	60	54	52	40	43.6
MANDAN FT LINCOLN PARK	MAX	42	48	53	51	47	60	64	83	79	62	75	70	63	72	67	78	84	82	77	75	89	82	78	76	80	79	75	73	72	63	67	69.9
	MIN	32	30	30	23	36	35	38	50	45	37	39	43	43	38	34	36	42	39	38	45	40	43	44	42	45	46	43	57	57	49	42	40.7
MARMARTH	MAX	39	45	48	50	56	59	69	79	66	60		66	60	70	68	77	85	86	83	82	89	84	76	82				67	59		71	68.3
	MIN	32	37	30	32	39	30	42	42	46	42	38	42	38	38	38	49	45	43	50	43	52	52	44	48				56	53	48		42.6
MAX	MAX	50	39	45	43	55	43	49	66	78	62	47	67	65	53	69	60	73	79	68	77	72	89	73	73	62	75	75	78	62	71	67	64.0
	MIN	32	32	28	27	30	34	34	40	41	37	38	42	41	35	35	44	42	51	40	46	43	50	43	43	43	49	52	58	52	48	37	40.9
MAYVILLE	MAX	47	47	49	56	59	54	67	69	64	56	71	64	59	71	68	72	68	68	67	68	85	84	60	60	82	80	81	75	72	72	63	66.4
	MIN	24	32	34	31	29	31	28	50	40	32	43	41	45	35	33	39	41	53	31	43	37	54	37	41	44	53	46	57	54	55	43	40.5
MC CLUSKY	MAX	43	44	45	54	50	52	67	78	77	55	70	66	62	71	58	73	78	76	77	75	88	85	74	69	78	75	79	75	72	67	63	67.6
	MIN	31	31	31	25	30	36	34	50	45	36	38	44	42	37	34	47	47	50	39	43	43	52	43	42	46	47	58	55	51	48	37	41.7
MC HENRY 5 N	MAX	45	43	41	55	59	51	66	70	63	52	70	66	59	72	63	74	73	68	76	71	86	79	63	62	80	76	80	72	72	68	57	65.5
	MIN	28	31	31	25	26	36	38	46	39	34	41	37	41	36	32	42	39	52	34	43	39	49	31	40	44	49	44	55	51	52	38	39.5
MC LEOD 3 E	MAX	50	46	48	53	55	64	68	66	64	53	75	72	62	70	66	78	74	76	74	76	84	82	66	62	82	80	81	76	69	69	65	68.0
	MIN	30	34	32	25	39	42	38	35	45	37	41	47	46	37	33	40	39	52	30	45	36	57	33	43	47	55	53	60	57	54	44	42.1
MC VILLE	MAX	45	42	45	55	60	54	66	71	65	50	67	67	62	70	65	71	70	70	72	71	85	84	62	62	80	78	81	64	72	70	56	65.5
	MIN	25	32	31	27	26	36	36	37	39	32	41	36	42	36	30	41	37	50	33	47	36		43		49			56	57	49	38	38.6
MEDORA 3 NNE	MAX	40	45	48	46	44	58	67	80	74	62	72	69	59	69	65	78	84	82	85	83	91	86	85	82	82	81	76	73	61	58	71	69.5
	MIN	33	27	29	22	38	41	41	49	43	40	35		39	24	37	36	37	36	50	42	40	41	35	40	50	44	58	57	54	47	33	39.9
MINOT CAA AP	MAX	40	44	43	55	53	47	66	77	61	49	65	62	54	67	60	73	80	69	81	72	89	72	68	67	74	78	79	65	73	59	67	64.8
	MIN	31	30	29	29	35	37	37	46	36	35	39	41	40	37	38	49	40	48	48	44	49	49	40	44	47	48	48	52	52	41	34	41.2
MINOT EXP STATION	MAX	48	40	45	44	55	53	47	65	76	62	48	66	63	54	66	62	75	80	68	78	73	90	73	72	68	74	76	79	62	72	59	64.4
	MIN	33	33	30	31	33	35	34	46	44	36	37	40	38	39	35	42	40	48		42		50	42	45	47	49	46	58	53	47	36	41.0
MOFFIT 4 SE	MAX	43	45	46	46	48	52	67	77	77	59	75	72	65	71	71	72	76	76	76	71	86	85	74	65	60	74	76	69	69	69	61	67.7
	MIN	37	32	32	16	32		40	46	46		44	41	45	31	31	43	36	46	36	43	42	46	39	40	49	47	50	59	59	51	39	41.4
MOHALL	MAX	41	45	45	57	55	47	66	76	63	57	56	63	60	67	62	74	81	81	65	80	90	86	72	71	69	75	79	74	71	68	67	67.3
	MIN	26	[illegible]	30	31	31	37	37	49	41	36	37	41	39	36	37	49	42	50	41	41	48	49	39	40	49	45	43	55	53	46	34	40.8
MOTT	MAX	35	47	45	45	46	63	65	61	68	55	71	62	57	69	62	75	82	79	78	75	69	78	81	79	63	76	72	65	63	59	65	67.0
	MIN	31	24	30	23	37	38	37	46	43	37	37	41	43	29	34	45	36	45	44	41	47	50	41	46	50	45	46	55	51	48	36	40.5
[illegible]ICH 4 [illegible]	MAX	41	40	43	52	54	52	59	69	59	44	53	59	55	66	54	66	69	61	70	68	82	[illegible]	59	63	70	73	73	70	70	69	66	61.5
	MIN	[illegible]	[illegible]	27	26	26	[illegible]		[illegible]	[illegible]	28	37	31	37	30	26	37	43	44	34	37	38	[illegible]	31	34	42	42	43	43	45	44	32	34.8

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX																																
	MIN																																
NEW ENGLAND	MAX	34	45	45	47	46	58	65	79	71	57	71	69	57	69	62	75	82	80	80	76	88	79	82	81	82	77	73	62	60	56	66	66.9
	MIN	31	26	29	24	34	37	36	44	45	39	35	41	39	29	36	44	42	46	41	42	49	46	40	43	49	47	50	52	51	45	36	40.3
NEW SALEM 1 S	MAX	39	46	48	47	45	56	77	81	65	52	72	65	56	71	62	75	80	74	77	74	89	79	76	67	60	75	71	63	70	66	65	66.6
	MIN	32	30	29	25	35	36	37	39	42	37	39	45	42	37	44	48	43	52	44	42	42	53	43	40	40	40	40	54	43	42	37	40.3
NEWTOWN	MAX	45	42	45	54	46	45	65	76	70	61	68	65	60	67	62	75	82	74	82	77	89	65	75	72	71	76	75	76	68	57	70	67.0
	MIN	30	32	27	25	35	36	30	45	41	36	40	42	38	33	36	45	41	51	42	45	46	40	46	44	47	46	45	59	55	46	36	41.0
OAKES	MAX	46	47	48	47	52	52	62	70	68	53	53	75	67	58	70	57	75	72	73	73	73	82	76	64	66	82	76	79	79	66	69	65.6
	MIN	35	34	34	25	39	40	36	47	46	36	41	47	49	37	36	39	44	52	36	48	40	55	40	43	42	53	50	63	58	56	43	43.4
PARK RIVER	MAX	53	45	50	57	64	58	65	72	70	63	60	59	57	71	65	72	70	70	71	71	85	65	62	69	81	77	81	75	74	73	62	67.3
	MIN	26	35	32	33	34	35	31	44	37	32	40	36	39	33	31	38	42	52	38	43	43	50	35	32	33	51	47	53	50	54	40	39.3
PARSHALL	MAX	45	44	44	55	48	46	65	77	69	61	67	65	58	67	63	74	80	75	79	78	89	86	74	69	74	77	77	68	70	62	68	66.9
	MIN	32	32	25	24	31	36	29	48	43	38	40	39	36	30	31	39	37	51	44	43	47	46	45	44	47	52	52	58	53	45	33	40.3
PEMBINA 2 N	MAX	52	51	48	60	61	61	62	70	70	52	52	60	60		50	67	66	67	67	72	79	79	60	69	79	79	77	77	75	75	58	65.2
	MIN	29	35	34	32	35	26	30	40	38	35	29	38	39	37	32	36	40	49		34	45	45	33	32	45	45	43	50	54	50	36	38.3
PETERSBURG	MAX	48	40	45	55	60	55	63	69	63	51	61	60	59	70	69	68	70	63	71	68	85	83	60	65	80	77	76	75	72	71	64	65.1
	MIN	22	31	31	29	30	34	31	41	36	30	40	37	43	32	30	41	39	49	31	46	40	48	35	41	39	50	43	52	50	51	37	38.4
PETTIBONE	MAX	43	42	45	53	46	58	66	71	70	53	70	70	62	68	66	73	76	73	75	74	85	84	67	67	77	76	76	73	70	70	60	66.5
	MIN	29	31	30	22	31	37	37	50	41	35	40	44	45	32	32	33	40	45	35	47	41	51	41	40	45	47	49	47	52	52	38	40.0
PORTAL	MAX	47	48	41	48	56	50	50	67	71	61	46	54	59	53	63	60	71	81	68	82	76	89	82	71	69	68	75	77	66	75	54	63.8
	MIN	28	32	26	26	30	37	34	49	41	37	35	39	35	34	32	42	39	47	42	44	55	46	42	40	47	45	47	55	53	47	32	39.9
POWERS LAKE 1 N	MAX	44	44		52	48	41	63	74	66	48	64	63	52	66	73	81			81	77	89	71	69									
	MIN	26	32	23	22	30	34	31	47	38	35	36	36	33	29		32			42	41	53	51	39								28	
RAUB 10 SSW	MAX	42	47	47	53	45	44	63	75	70	64	70	53	56	67	63	75	82	74	80	80	90	77	76	63	74	75	78	72	68	56	79	66.4
	MIN	34	34	28	27	35	37	30	49	44	32	40	48	37	35	36	50	45	50	45	49	48	51	48	44	48	47	52	56	53	47	36	42.4
RICHARDTON ABBEY	MAX	39	45	47	45	43	55	65	79	74	59	71	69	60	68	64	75	82	78	79	75	90	84	79	75	81	76	75	70	66	63	65	67.6
	MIN	32	32	28	27	35	35	36	48	44	39	39	45	41	35	42	48	45	56	44	46	48	55	47	44	49	50	52	53	50	47	37	42.9
RIVERDALE	MAX	47	39	45	45	53	46	50	67	76	62	48	66	64	54	67	61	69	79	69	77	74	88	73	73	61	71	74	77	61	71	56	63.3
	MIN	34	32	29	25	29	36	33	44	43	38	41	43	41	40	36	41	44	51	43	46	47	51	48	42	44	49	51	57	52	50	38	41.9
ROLLA	MAX	42	40	42	56	57	51	61	73	70	44	54	58	54	67	56	68	75	63	76	75	87	80	63	65	69	74	76	65	74	68	61	63.4
	MIN	27	32	32	29	33	33	34	46	33	31	37	38	39	35	30	45	40	40	40	45	42	50	37	39	45	46	45	54	50	42	38	36.9
RUGBY	MAX	46	43	42	56	57	52	59	77	74	50	58	63	62	70	64	72	76	76	80	77	89	87	70	68	73	77	80	78	76	75	64	67.5
	MIN	30	32	33	28	29	34	38	40	40	35	40	40	42	36	37	48	39	49	41	47	46	52	39	47	47	46	48	56	54	54	38	41.5
SAN HAVEN	MAX	40	39	42	55	57	48	63	74	56	44	54	60	56	67	56	70	72	72	77	73	87	83	65	64	64	74	74	74	75	64	63	63.3
	MIN	28	33	32	27	33	34	36	46	36	32	37	37	39	35	31	45	41	50	40	48	47	52	38	41	47	47	52	55	51	41	37	40.3
SHARON	MAX	45	40	46	54	59	54	65	70	63	50	66	64	59	68	66	71	69	65	71	69	83	76	60	61	78	79	79	77	70	67	58	64.6
	MIN	27	27	32	28	30	35	37	48	38	33	42	42	44	35	31	41	41	52	35	47	46	52	35	41	43	51	48	45	53	53	39	40.4
STANLEY	MAX	37	43	43	55	52	42	62	74	61	54	65	60	54	65	61	72	79	70	80	75	89	77	66	70	74	75	76	62	65	55	68	63.9
	MIN	27	33	24	25	32	34	35	44	40	33	37	36	35	32	32	49	37	49	41	42	47	48	42	45	44	46	48	54	51	41	31	39.2
STEELE	MAX	43	44	48	49	50	59	68	74	75	59	73	71	62	72	66	75	76	74	75	74	86	84	74	71	77	76	79	75	69	70	62	68.1
	MIN	32	31	32	22	36	38	39	40	45	36	40	40	45	35	33	44	42	50	38	47	40	53	43	42	45	48	47	59	53	51	37	41.4
TIOGA 1 E	MAX	52	37	41	43	53	45	43	64	74	63	46	66	62	56	66	63	75	83	72	83	74	91	75	73	70	71	74	77	65	64	55	63.7
	MIN	27	31	24	24	34	32	32	42	40	37	37	37	31	32	31	46	33	48	44	46	50	42	42	42	45	40	40	57	51	43	31	38.4
TOWNER	MAX	45	46	45	61	58	48	68	77	65	55	63	62		65	59	74	68	86	77	73	91	75	69	70	75	81	82	69	77	68	65	67.2
	MIN	36	32	31		38	32	38	45	41	38	40	39	35	37	36	36	38	48	41	42	47		38	45	45	45	44	45	52	47	32	40.1
TURTLE LAKE	MAX																																
	MIN																																
UNDERWOOD	MAX	46	38	46	46	53	47	53	67	79	61	48	66	65	54	68	61	73	79	69	74	72	88	74	75	72	74	75	75	68	72	61	64.5
	MIN	27	30	27	24	29	34	32	44	40	36	39	39	39	35	32	39	38	44	38	44	42	45	44	40	42	42	50	55	50	47	34	38.7
UPHAM 3 N	MAX	47	45	44	59	59	52	69	78	69	57	57	63	57	72	65	75	79	79	83	79	92	88	72	70	72	79	78	74	76	73	67	68.7
	MIN	33	33	32	28	27	35	41	51	42	38	38	38	38	33	37	47	37	49	37	44	41	47	42	47	50	47	51	57	50	48	35	41.1
VALLEY CITY	MAX	49	45	44	55	52	58	68	68	65	51	74	72	62	71	70	73	72	73	75	74	85	83	66	65	80	80	80	77	68	68	64	67.3
	MIN	29	34	35	26	34	42	41	50	48	36	42	42	42	39	35	44	42	54	36	48	39	56	38	43	45	52	42	60	56	55	43	42.8
VELVA	MAX	46	45	45	56	54	48	67	76	75	57	68	64	63	69	63	74	80	80	80	79	90	85	69	68	76	75	78	76	71	71	67	68.2
	MIN	30	33	30	28	27	37	34	58	42	37	40	38	41	36	37	49	40	40	42	43	50	52	41	45	48	50	45	57	53	48	37	41.5
WAHPETON STATE SCHOOL	MAX	57	47	51	54	56	64	69	68	67	57	75	75	67	68	68	77	72	72	72	76	82	81	68	63	81	82	80	78	70	72	63	68.8
	MIN	28	35	31	28	37	41	32	48	46	35	42	49	47	43	34		40	·51	32	45	35	57	33	42	47	55	53	59	60	55	44	42.8
WASHBURN	MAX	44	46	48	52	49	55	68	80	77	58	71	70	64	71	68	75	80	79	77	74	90	85	75	61	76	75	76	72	73	69	65	68.5
	MIN	35	33	31	25	36	37	34	52	43	38	40	40	42	39	36	47	41	48	42	48	44	49	47	42	42	49	51	57	53	45	38	42.1
WATFORD CITY	MAX	44	46	47	54	47	46	67	77	67	55	69	64	64	67	65	76	84	77	85	82	91	77	78	70	72	77	76	64	63	59	70	67.1
	MIN	32	32	24	26	33	36	32	48	40	39	40	39	36	33	38	48	42	43	48	52	54	54	43	45	48	47	58	53	52	48	33	41.8
WATFORD CITY 14 S	MAX	49	49	49	51	50	53	70	80	74	65	71	71	64	70	67	77	84	83	85	85	93	89	80	78	75	79	78	73	64	65	70	70.7
	MIN	33	34	26	25	35	37	33	49	44	37	40	44	39	33	37	48	43	44	47	49	48	41	40	44	48	47	54	59	51	44	32	41.5
WESTHOPE	MAX	42	45	45	58	58	49	65	75	57	50	55	63	55	67	61	73	81	69	84	75	91	77	71	71	70	78	79	72	77	62	70	66.0
	MIN	29	31	31	29	31	36	39	46	37	35	36	38	34	35	32	48	36	48	42	39	44	45	39	41	50	41	48	58	51	44	34	39.6
WILLISTON WB CITY	MAX	39	42	46	54	43	46	66	75	63	51	67	61	52	66	62	74	84	74	84	75	88	76	75	65	71	74	74	65	63	57	70	64.6
	MIN	32	31	26	31	36	37	33	52	41	41	40	43	39	37	41	52	45	48	51	50	58	52	44	46	50	47	55	58	54	45	37	43.6
WILLOW CITY	MAX	42	45	43	58	57	49	57	77	55	46	56	64	55	69	62	72	77	67	80	75	90	78	75	67	72	80	77	66	78	66	66	65.2
	MIN	28	32	32	27	28	35	39	49	41	36	38	37	40	36	37	46	39	47	38	45	45	51	38	47	47	45	47	56	51	45	35	40.5
WILTON	MAX																																
	MIN																																
WISHEK	MAX	41	44	47	46	48	60	67	70	70	56	71	70	58	69	66	74	75	74	74	73	85	84	74	83	78		77		67	64	60	66.4
	MIN	30	31	32	20	36	35	36	48	45	37	41	44	46	36	34	42	41	52	38	48	38	51	41	48	49		48		54	51	39	41.1

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.04	*	*	.19	.13	.01	.18	.22	.12	.10	.04	.11	.11	.08	.30	.22	.20	.29	.25	.29	.32	.30	.22	.24	.14	.25	.31	.06	.11	.17	.14	5.14
	WIND	66	35	27	63	44	41	46	93	75	77	98	30	44	66	85	93	50	83	70	68	70	69	52	74	64	50	60	55	51	51	87	1937
EDGELEY EXP FARM	EVAP	.10	.00	.04	.09	.07	.08	.17	.25	.14	.15	.00	.36	.19	.08	.29	.18	.37	.35	.38	.34	.32	.31	.40	.26	.06	.23	.22	.19	.22	.14	.23	6.21
	WIND	42	78	39	99	27	79	49	79	132	143	145	175	60	136	152	117	111	111	123	104	77	92	90	100	83	80	64	115	92	43	120	2959
MANDAN EXP STATION (A)	EVAP	*	*	.15	.13	.09	.01	.07	.17	.19	.23	.21	.16	.11	.11	.19	.16	.29	.19	.27	.26	.24	.26	.23	.34	.11	.06	.15	.12	.10	.13	.24	4.97
	WIND	145	93	113	135	106	70	82	245	161	215	151	145	83	112	159	112	234	94	146	142	115	154	104	234	179	90	80	139	190	89	215	4332
RIVERDALE	EVAP	.11	.08	.09	.15	.06	.02	.14	.18	.21	.14	.06	.29	.21	.13	.28	.18	.38	.40	.26	.48	.41	.45	.31	.46	.14	.35	.15	.28	.18	.24	.10	6.92
	WIND	154	100	95	89	88	112	113	220	150	202	192	124	56	98	130	90	128	72	148	212	159	139	107	215	231	87	108	152	226	67	144	4208

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

WB Form 920-S
(Formerly 5107)

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL	T																														
	SN ON GND																															
AMIDON	SNOWFALL	1.0	T	T																												
	SN ON GND	1	1	T																												
ASHLEY	SNOWFALL	3.0																														
	SN ON GND	3																														
BEACH	SNOWFALL	0.5	T																													
	SN ON GND	1	T																													
BELCOURT INDIAN RES	SNOWFALL	T	T																													
	SN ON GND																															
BELFIELD	SNOWFALL	T																														
	SN ON GND																															
BISBEE	SNOWFALL		T																													
	SN ON GND																															
BISMARCK WB AP	SNOWFALL	T		T		T	T																									
	SN ON GND																															
BOTTINEAU	SNOWFALL			0.3	2.5		T																									
	SN ON GND			T	T																											
CARSON NO. 2	SNOWFALL		1.0																													
	SN ON GND																															
DEVILS LAKE WB CITY	SNOWFALL	0.2	0.1	0.1																												
	SN ON GND		T	T																												
DICKINSON CAA AP	SNOWFALL	T																														
	SN ON GND																															
DICKINSON EXP STATION	SNOWFALL	T																														
	SN ON GND	T	T																													
GRAND FORKS CAA AP	SNOWFALL													T	T																	
	SN ON GND																															
GRANVILLE	SNOWFALL			1.0																												
	SN ON GND																															
HANSBORO	SNOWFALL		T																													
	SN ON GND																															
HETTINGER	SNOWFALL	3.0																														
	SN ON GND	1																														
JAMESTOWN CAA AP	SNOWFALL	T	T	T																												
	SN ON GND		T	T																												
MANDAN EXP STATION	SNOWFALL		T																													
	SN ON GND																															
MAYVILLE	SNOWFALL																															
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T																			
MC HENRY 5 N	SNOWFALL		1.0	T																												
	SN ON GND																															
MEDORA 3 NNE	SNOWFALL	T																														
	SN ON GND																															
MINOT CAA AP	SNOWFALL	T	T	T							T																					
	SN ON GND																															
MINOT EXP STATION	SNOWFALL			0.3			0.2																									
	SN ON GND			T			T																									
MONTPELIER	SNOWFALL	T	0.7																													
	SN ON GND	.T																														
MOTT	SNOWFALL	3.0																														
	SN ON GND	2																														
MUNICH 4 SW	SNOWFALL		T																													
	SN ON GND																															
PRETTY ROCK	SNOWFALL	3.0	T		T					T																						
	SN ON GND	2	1																													

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RICHARDTON ABBEY	SNOWFALL	T		T																												
	SN DN GND	T																														
ROLLA	SNOWFALL	T		T																												
	SN ON GND	T																														
SAN HAVEN	SNOWFALL			T																												
	SN ON GND																															
SHARON	SNDWFALL		1.0																													
	SN ON GND																															
UPHAM 3 N	SNOWFALL			0.5																												
	SN ON GND																															
WILLISTON WB CITY	SNOWFALL	T				T																										
	SN ON GND																															
WILLOW CITY	SNOWFALL			T																												
	SN ON GND	T	T	T	T	T	T																									

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Nogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple E. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Barris	C
Carrington	1360	Foster	5	47 27	99 08	1588	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1896	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	8	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 38	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert B. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 18	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Leo J. Braun	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	10P	10P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2895		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nele B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	William R. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2218		MID	Donald Jefferiss	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	48 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Keesler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. H. Schafer	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 56	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina 1 W	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Alvin B. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Rauh	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Rauh 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	GoldenValley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edsel R. Anderson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3
NEW STATIONS										
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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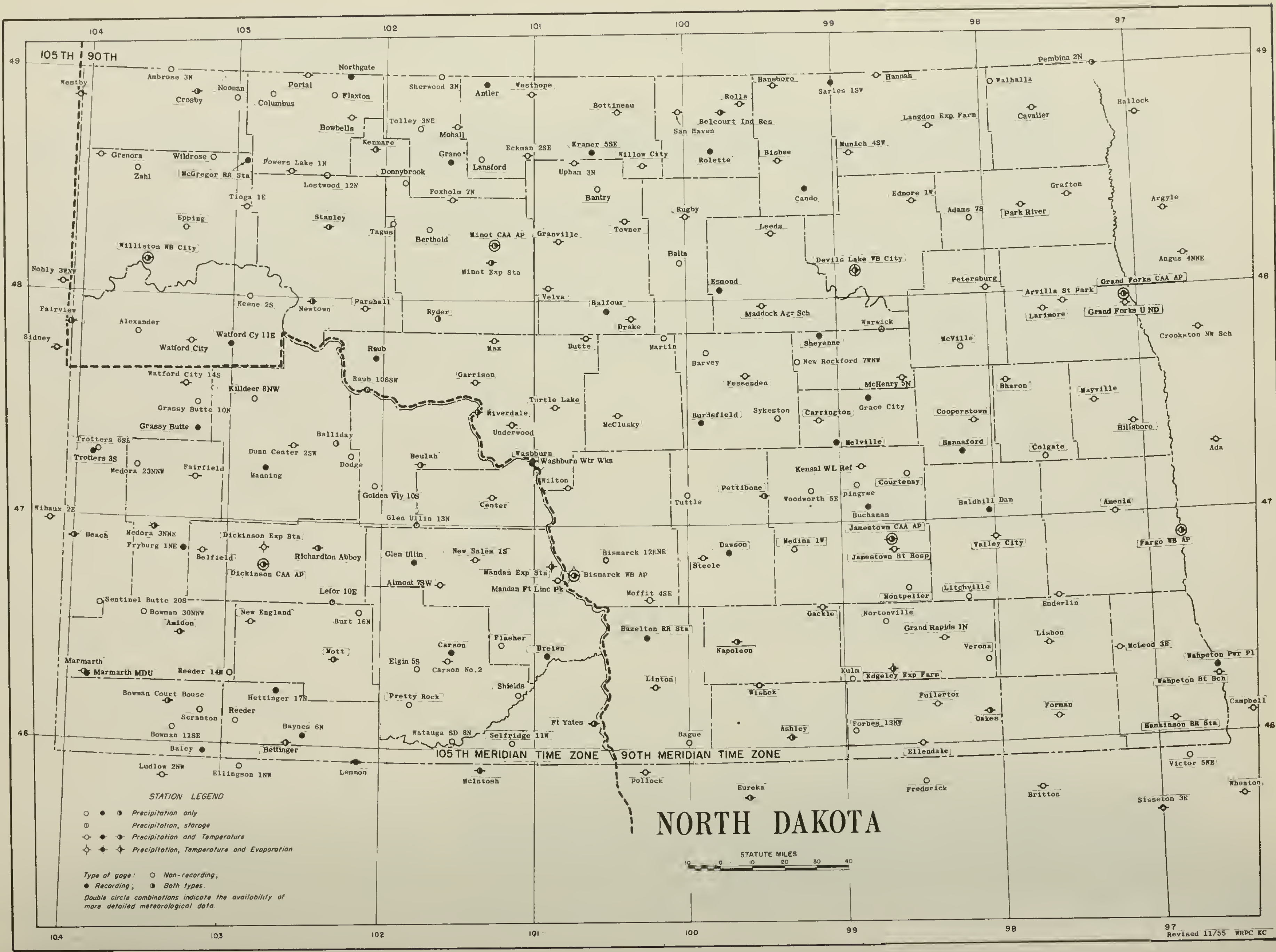
NWRC, ASHEVILLE, N. C. -- 7-13-56 -- 880



NORTH DAKOTA

Revised 11/55 WRPC KC

551.05
UNNT
Vol. 65
No. 6

~~NOAA Hist~~

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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ASHEVILLE: 1956

WEATHER SUMMARY

June was hot. It was the hottest June since 1933 and one of the hottest of record. Crops responded satisfactorily in the localities where generous showers fell but drought persisted in a few counties in the southwest.

June 1st was cool and comfortable. Almost all stations registered their lowest temperatures for the month on the 1st. Monthly minimums ranged from 27° at Arvilla State Park on the 1st to 46° at Minot Experiment Station on the 1st and at Williston Weather Bureau Office on the 7th and 8th. In general, monthly minimums were in the 30's over the eastern part of the State and in the lower 40's at most western stations. The 2d to 5th was warm. Moderate temperatures prevailed on the 6th and 7th after which the weather turned hot. Maximum temperatures on the 10th, 11th, and 12th ranged from the lower 90's over many north central counties to near or slightly above 100° over the extreme northwest and west central, at several stations in the southeast, at Bowman Court House, and at Carson. The highest temperature for the State, 103°, occurred at Watford City 14 S on the 10th. Temperatures moderated for a day or so at the end of the second week but hot weather returned on the 16th and persisted to the 21st. Temperatures averaged near seasonal from the 22d to the end of the month. Monthly mean temperatures ranged from 63.3° at Munich 4 SW to 72.8° at Marmarth. Monthly mean temperatures were above the long-term means at all stations and averaged about 5° above the long-term means.

Light to locally heavy showers fell on several days during June. The most important amounts fell on the 3d, 4th, 5th, 6th, 18th, 25th, and 30th. Lesser amounts fell on several other dates. The 1st, 8th, 9th, 19th, and 20th were practically rainless over the entire State. Rainfall was very unevenly distributed over the State. Monthly totals ranged from 0.38 inch at Bowman 11 SE to 7.29 inches at Riverdale. Rainfall exceeded four inches over many east central counties and at several north central stations. A few stations in those areas received more than five inches of rain during June. At the other extreme, several stations in the southwestern counties received less than an inch during the month. Most stations over the western third of the State received considerably less than their long-term means. The amounts over eastern and central North Dakota ranged from slightly more than two inches to over seven inches and averaged slightly more than the long-term means.

Crops made good gains where the rainfall was adequate. All row crops looked promising and corn was more advanced than in most recent years. Harvest of the first cutting of alfalfa was nearly complete. Yields were heavy in areas where enough rains had fallen. Crops varied widely over the State, however. Hot dry weather hurt the small grains along the western edge of the State, in some southwestern counties, along the South Dakota border in the southeast, and in a few east central localities. In most of these areas, the stands of spring grains were thin, the plants short and stunted, and the heads short. In general, small grains were behind a year ago. Pastures made little growth in the dry southwest. Grasshoppers became active in some southern and western sections and spraying for control had started. Black stem rust was noted in a few fields in the extreme southeast but rust development was far behind a year ago.

Lucius W. Dye
Weather Records Processing Center
Kansas City, Missouri

STORMS

Storm damage was not unusually severe during June 1956 but there were more than the usual number of tornadoes reported. June has relatively few tornadoes in most years. This year three tornadoes were reported. The first occurred on June 5th at 6:10 p.m. near Coleharbor in McLean County. Barns and smaller buildings were demolished, antennas destroyed, and telephone and electric service was disrupted. Damage was about $40,000. Another tornado occurred at 3:15 p.m. June 18th near Beulah in Oliver and Mercer Counties. The path was approximately 15 miles long. Damage was about $70,000. A railway employee was injured when the caboose and several grain cars were lifted off the track. The third tornado occurred in Burleigh County on June 18th at 6:30 p.m. and touched the ground most of the way from near Baldwin to Tuttle, a distance of about 35 miles. This storm traveled over pasture land most of the distance, so the damage was not great. There was only a small amount of crop damage and about $60,000 property damage. Several houses and many outbuildings (chicken houses, tool sheds, etc.) were destroyed. This storm appeared to have a light colored, boiling funnel. No persons were killed by any of these tornadoes, but a calf and some chickens were killed.

There were also two windstorms, both at Gladstone in Stark County. The first occurred on June 11th and did about $12,000 damage, mostly in the rural areas. The storm was of short duration. The wind seemed to come from several directions at the same time. The second occurred on June 21st and caused about $25,000 damage in Gladstone. Many antennas were twisted by the wind, and a few roofs and trees were damaged. This storm was accompanied by hail which damaged some buildings.

A heavy rainfall, accompanied by wind that damaged buildings and trees to the extent of $5,000 to $10,000, occurred in Burke and Renville Counties on June 18th.

Hail, some of it causing total crop losses in small areas, mostly west portion, occurred at many places on the 18th, 19th and 30th.

FLOODS

Spring Creek in Emmons County overflowed its banks on June 6, 1956, and flooded six blocks of the older part of the town of Linton before receding. The water rose 10 feet in some places and flooded farm land north and east of Linton. Spring Creek flows into Beaver Creek, a tributary of the Missouri south of Bismarck. The flood was due to heavy rains.

F. J. Bavendick
State Climatologist
Bismarck, North Dakota

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	SSE	13	12.9	56	W	30	76	79	47	46	10	3	1	1	1	0	16	79	4.7
DEVILS LAKE WB CITY	-	-	8.7	29	NW	5	-	-	-	-	5	3	2	1	3	0	14	77	5.2
FARGO WB AIRPORT	SE	14	14.7	42	SE	19	75	80	53	49	10	1	2	3	0	0	16	55	5.4
WILLISTON WB CITY	-	-	8.7	34	SE	15	-	72	44	39	2	6	3	0	0	1	12	68	5.7

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	83.7	56.7	70.2		98	12	39	1	13	5	0	0	0	2.66		0.87	27	0.0	0		6	3	0
ARVILLA STATE PARK	81.0	54.5	67.8		92	10	27	1	37	4	0	1	0	2.11		0.65	19	0.0	0		6	1	0
CARRINGTON AM	79.3	54.7	67.0	4.5	92	11	37	1	40	2	0	0	0	3.94	0.30	2.37	6	0.0	0		5	2	1
CAVALIER	81.8	56.0	68.9		94	9+	36	1	25	5	0	0	0	3.34		1.07	6	0.0	0		6	2	2
COOPERSTOWN	82.1	56.2	69.2		94	10	35	1	19	4	0	0	0	2.93	- 0.45	0.76	7	0.0	0		5	3	0
DEVILS LAKE WB CITY R //	79.0	56.8	67.9	5.5	93	10	40	1	31	3	0	0	0	5.95	2.77	1.75	5	0.0	0		6	4	3
EDGELEY EXP FARM AM	81.7	55.3	68.5	4.6	97	11+	35	1	29	4	0	0	0	3.59	- 0.17	1.34	19	0.0	0		8	2	1
EDMORE 1 W	79.2	55.3	67.3		92	10	35	1	36	2	0	0	0	5.25		2.37	6	0.0	0		6	3	3
ELLENDALE	84.0	57.0	70.5	5.5	102	12	36	1	14	4	0	0	0	4.67	0.82	2.12	17	0.0	0		8	2	1
ENDERLIN AM	82.6	56.0	69.3		99	13	34	1	31	4	0	0	0	2.09		0.54	7	0.0	0		6	2	0
FARGO WB AP R //	82.2	59.2	70.7	6.1	99	12	35	1	13	4	0	0	0	2.85	- 0.19	0.81	3	0.0	0		5	3	0
FORMAN	85.2	57.9	71.6		102	12	34	1	14	5	0	0	0	2.20	- 1.72	0.79	22	0.0	0		6	1	0
FULLERTON	85.0	56.8	70.9	5.6	102	12	37	1	11	5	0	0	0	2.94	- 1.03	0.95	6	0.0	0		8	2	0
GACKLE	81.8	57.0	69.4		95	10+	38	1	19	3	0	0	0	5.45		4.11	6	0.0	0		6	1	1
GRAFTON	81.3	56.5	68.9	4.6	95	10+	31	1	30	4	0	1	0	5.48	2.29	2.59	6	0.0	0		6	4	2
GRAND FORKS CAA AP R	82.0	56.9	69.5		99	10	34	1	28	4	0	0	0	3.26		1.15	30	0.0	0		5	3	2
GRAND FORKS UNIVERSITY	83.0	57.7	70.4	6.4	96	10+	35	1	19	5	0	0	0	2.99	- 0.58	1.01	30	0.0	0		5	2	1
GRAND RAPIDS 1 N	83.9	57.3M	70.6M		98	12			0	4	0	0	0	2.56		0.78	19	0.0	0		5	2	0
HANKINSON R R STATION AM	82.0	57.3	69.7	3.8	98	13	34	1	35	4	0	0	0	2.11	- 1.80	0.70	7	0.0	0		5	1	0
HANNAH	77.9M	53.6M	65.8M		92	10	39	1	62	3	0	0	0	2.75	- 0.91	1.29	6	0.0	0		5	2	1
HILLSBORO	83.1	55.8M	69.5M	4.8	97	11+	35	1	24	5	0	0	0	2.71	- 1.06	0.68	4	0.0	0		5	3	0
JAMESTOWN CAA AP R //	80.4	55.7	68.1		93	10	36	1	19	2	0	0	0	6.76		4.90	6	0.0	0		6	2	1
JAMESTOWN STATE HOSP	84.1	57.2	70.7	6.1	95	10+	42	1	8	3	0	0	0	6.86	3.54	4.88	6	0.0	0		6	2	1
KENSAL WILDLIFE REFUGE	82.9	55.6	69.3		92	9+	35	1	18	3	0	0	0	5.08		3.03	6	0.0	0		6	2	2
LANGDON EXP FARM	77.9	53.8	65.9	4.6	92	10	36	1	57	3	0	0	0	5.13	2.07	1.62	6	0.0	0		9	4	1
LARIMORE	81.9	56.4M	69.2M	5.8	94	10+	34	1	21	4	0	0	0	3.39	0.30	0.91	5	0.0	0		8	2	0
LISBON	83.1	57.7	70.4	5.4	98	12	33	1	16	5	0	0	0	1.83	- 2.03	0.55	19	0.0	0		6	1	0
MAYVILLE	81.2	57.6	69.4	4.7	95	10+	36	1	21	4	0	0	0	3.13	- 0.39	2.01	30	0.0	0		4	1	1
MC HENRY 5 N	79.7	54.1	66.9		92	10	34	1	36	3	0	0	0	4.66		1.98	6	0.0	0		5	4	1
MC LEOD 3 E	83.6	58.2	70.9	5.7	100	12	35	1	15	5	0	0	0	2.95	- 0.49	1.10	17	0.0	0		6	2	1
MC VILLE	80.6	55.6M	68.1M		92	10	32	1	30	3	0	1	0	3.93		3.02	6	0.0	0		2	2	1
MUNICH 4 SW	76.1	50.5M	63.3M		89	10	34	1	95	0	0	0	0	4.82		1.57	6	0.0	0		6	4	3
OAKES AM	82.1	58.1	70.1	5.0	100	13	33	1	27	4	0	0	0	2.09	- 1.59	0.53	7	0.0	0		7	2	0
PARK RIVER	81.8	56.8	69.3	6.2	94	10	36	1	22	4	0	0	0	6.16	3.10	3.48	6	0.0	0		6	3	2
PEMBINA 2 N	82.7M	56.0M	69.4M		94	11+	35	1	28	6	0	0	0	1.79	- 1.28	0.73	19	0.0	0		4	2	0
PETERSBURG	79.8	55.7M	67.8M		91	10	36	1	25	3	0	0	0	5.10	1.95	2.52	6	0.0	0		7	3	2
SHARON	79.4	56.3	67.9	5.2	91	10	35	1	32	2	0	0	0	4.35	0.99	1.95	6	0.0	0		5	4	1
VALLEY CITY	83.6	57.6	70.6	5.5	97	11	33	1	13	4	0	0	0	2.82	- 0.48	1.40	6	0.0	0		6	1	1
WAHPETON STATE SCHOOL	84.6	57.4M	71.0M	4.2	99	12	34	1	16	5	0	0	0	2.03	- 1.54	0.88	22	0.0	0		5	2	0
DIVISION			69.0											3.71				0.0					
MIDDLE DIVISION																							
ASHLEY	81.8	55.6	68.7	5.4	95	10+	38	1	25	4	0	0	0	3.22	- 0.61	1.61	21	0.0	0		6	2	1
BELCOURT INDIAN RES	79.3M	51.7M	65.5M		94	10	35	1	55	4	0	0	0	2.42		1.18	19	0.0	0		5	1	1
BISBEE	79.3	55.8M	67.6M		93	10	35	1	37	3	0	0	0	2.49		0.91	19	0.0	0		5	3	0
BISMARCK WB AP R //	83.5	56.7	70.1	5.8	99	10	42	1	13	4	0	0	0	2.36	- 0.97	1.15	5	0.0	0		3	2	1
BOTTINEAU AM	79.0	54.7	66.9	5.4	96	11+	41	1	53	3	0	0	0	3.96	0.16	2.24	19	0.0	0		5	1	1
BUTTE AM														1.98		0.69	30	0.0	0		5	1	0
CARSON NO 2 AM	83.5	55.5	69.5	6.0	100	11	40	1	31	8	0	0	0	1.73	- 2.14	0.96	30	0.0	0		3	1	0
CENTER	80.8	53.8M	67.3M		93	9+	37	1	38	4	0	0	0	3.53		1.15	16	0.0	0		4	4	1
DRAKE AM	79.8	56.1	68.0	5.4	94	11	42	1	39	3	0	0	0	1.92	- 1.81	0.58	6	0.0	0		5	2	0
ECKMAN 2 SE AM	80.2	52.2	66.2	4.8	98	11	33	2	56	3	0	0	0	4.49		3.23	19	0.0	0		7	2	1
FESSENDEN	81.6	56.7	69.2	6.4	94	10	40	1	20	3	0	0	0	4.17	0.81	2.70	6	0.0	0		5	2	1
FORT YATES																							
FOXHOLM 7 N	81.4	54.3	67.9	5.8	96	10	40	1	21	4	0	0	0	3.50	- 0.02	1.32	6	0.0	0		8	2	1
GARRISON AM	81.1M	55.7M	68.4M	5.6	95	12	41	1	31	3	0	0	0	1.71	- 1.77	0.66	30	0.0	0		4	1	0
GRANVILLE	80.6	56.2	68.4	6.0	96	10	42	1	29	3	0	0	0	3.39	- 0.54	1.00	18	0.0	0		6	3	1
HANSBORO	79.2M	53.2M	66.2M	5.9	94	10	38	1	50	3	0	0	0	2.02	- 1.71	0.78	19	0.0	0		4	1	0
LEEDS	80.4	55.9	68.2		93	10	41	1	24	2	0	0	0	3.70		1.56	19	0.0	0		5	2	2
LINTON	85.1	56.8	71.0	5.9	98	10+	39	1	15	9	0	0	0	6.85	2.76	4.42	6	0.0	0		5	3	2
MADDOCK AGR SCHOOL	81.3	55.7	68.5	5.9	92	10	35	1	22	3	0	0	0	5.50	1.93	3.21	6	0.0	0		5	3	1
MANDAN EXP STATION AM	80.3	57.2	68.8	4.9	94	11	38	1	26	3	0	0	0	3.61	- 0.17	1.93	6	0.0	0		4	2	1
MANDAN FT LINCOLN PARK	83.9M	54.9M	69.4M		97	28	42	7	19		0	0	0	2.56		1.30	6	0.0	0		3	2	1
MAX AM	78.6	55.1	66.9	4.8	95	12	40	1	54	3	0	0	0	4.97	0.99	1.09	6	0.0	0		8	5	2
MC CLUSKY	81.5	56.3	68.9	6.1	95	10	40	1	26	5	0	0	0	3.96	- 0.11	2.15	6	0.0	0		6	2	1
MINOT CAA AP	79.6	55.6	67.6		99	10	42	1	41	3	0	0	0	2.80		0.55	6	0.0	0		6	3	0
MINOT EXP STATION AM	78.9	55.1	67.0		95	11	46	1	45	3	0	0	0	2.97		0.78	17	0.0	0		7	3	0
MOFFIT 4 SE	82.7	55.9M	69.3M		95	10	37	1	21	5	0	0	0	5.97		4.55	6	0.0	0		4	2	1
MOHALL	81.5	53.7	67.6	5.7	95	10	37	1	31	3	0	0	0	5.11	1.10	1.81	18	0.0	0		4	3	2
NAPOLEON	83.5	56.6	70.1	6.7	97	10+	38	1	16	5	0	0	0	7.16	3.44	3.62	6	0.0	0		4	3	2

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NEW SALEM 1 S		83.2	52.8M	68.0M	4.9	98	10	38	1	36	5	0	0	0	5.00	1.46	3.13	30	0.0	0		7	3	1
PETTIBONE		80.2M	55.1M	67.7M	4.9			37	1	32		0	0	0	5.11	2.10	2.55	6	0.0	0		5	3	2
RIVEROALE	AM	78.2	56.0	67.1		92	11	43	7	44	1	0	0	0	7.29		2.45	19	0.0	0		7	5	3
ROLLA		78.2	54.3	66.3		93	10+	40	1	49	3	0	0	0	2.84		1.10	18	0.0	0		5	2	1
RUGBY		82.2	57.3	69.8		96	10	42	1	17	3	0	0	0	2.14	- 1.23	1.25	19	0.0	0		4	2	1
SAN HAVEN		79.0	55.9	67.5	6.6	94	9+	41	1	37	3	0	0	0	2.72	- 0.79	1.42	19	0.0	0		6	1	1
STEELE		82.7	55.7	69.2	6.2	96	10	38	1	23	5	0	0	0	4.54	0.66	2.68	6	0.0	0		4	2	2
TOWNER		82.4	51.6	67.0	4.5	97	10	38	1	33	3	0	0	0	2.01	- 1.68	1.37	19	0.0	0		3	1	1
TURTLE LAKE																								
UNOERWOOO	AM	80.1	52.5	66.3		97	12	37	1	55	3	0	0	0	4.12		1.27	16	0.0	0		6	3	2
UPHAM 3 N		82.9M	54.2M	68.6M		100	10	38	1	25	6	0	0	0	4.66		2.24	19	0.0	0		7	2	2
VELVA		81.0	56.2	68.6	5.4	94	10	40	1	17	4	0	0	0	4.28	0.63	1.62	6	0.0	0		7	3	1
WASHBURN		82.1	54.9	68.5	4.2	94	28	40	1	21	5	0	0	0	2.59	- 1.10	0.90	6	0.0	0		7	2	0
WESTHOPE		80.5	53.7M	67.1M	5.0	98	10	45	7	44	4	0	0	0	4.17		2.23	18	0.0	0		6	3	1
WILLOW CITY		80.8M	54.7M	67.8M	6.3	97	10	39	1	29		0	0	0	2.34	- 1.36	1.31	18	0.0	0		5	1	1
WILTON		81.9M				95	10	40	1		5	0	0	0	3.46		1.38	21	0.0	0		6	3	1
WISHEK		82.3	55.6	69.0	6.0	95	10+	36	1	24	6	0	0	0	3.56	- 0.20	0.92	6	0.0	0		5	5	0
OIVISION				68.1											3.69				0.0					
WESTERN OIVISION																								
ALMONT 7 SW		82.7	55.8	69.3		98	28	42	1	25	5	0	0	0	2.81		1.90	30	0.0	0		3	2	1
AMIOON	AM	83.8	52.4	68.1		98	10	41	1	31	8	0	0	0	1.86		0.85	30	0.0	0		5	1	0
BEACH	AM	83.8	53.7	68.8		98	11+	40	7	39	6	0	0	0	0.50		0.12	22	0.0	0		1	0	0
BELFIELO		84.5	50.6	67.6		98	11	41	1+	28	7	0	0	0	1.63		1.35	30	0.0	0		2	1	1
BEULAH,	AM	80.1	51.0	65.6		97	11	38	1	66	3	0	0	0	3.96		1.00	30	0.0	0		4	4	1
BOWBELLS		79.9M	51.5M	65.7M		98	10	41	1	66	4	0	0	0	4.54		2.84	18	0.0	0		6	2	1
BOWMAN COURT HOUSE		87.5M	52.8M	70.2M	8.0	100	11			13		0	0	0	0.74		0.35	21	0.0	0		2	0	0
CROSBY		81.7	53.7	67.7	7.0	102	10	45	1+	32	3	0	0	0	2.15	- 1.14	0.66	18	0.0	0		6	3	0
OICKINSON CAA AP	R //	83.9	53.3	68.6		98	10+	42	1	22	7	0	0	0	2.35		1.61	29	0.0	0		5	1	1
OICKINSON EXP STATION	AM	83.6	52.7	68.2	6.8	99	11	41	7	33	7	0	0	0	1.17	- 2.81	0.67	30	0.0	0		3	1	0
OUNN CENTER 2 SW	AM	82.0	54.2	68.1	6.7	100	11	42	1	38	5	0	0	0	1.07	- 2.78	0.52	25	0.0	0		3	1	0
FAIRFIELO		82.6	53.7	68.2		98	10	42	1	31	6	0	0	0	0.77		0.19	30	0.0	0		5	0	0
GRENORA		82.1	53.6	67.9		100	10	42	7	22	3	0	0	0	3.69		1.30	18	0.0	0		6	3	1
HETTINGER		84.3	53.8	69.1	5.6	98	28	41	1	15	7	0	0	0	1.08	- 2.39	0.55	15	0.0	0		4	1	0
KENMARE	AM	78.7	53.7	66.2		97	10	42	1	53	3	0	0	0	5.60	2.08	3.14	19	0.0	0		9	2	1
LOSTWOOO 12 N																								
MARMARTH		88.9M	56.6M	72.8M	9.2	99	10+			3	11	0	0	0	0.48	- 3.11	0.20	30	0.0	0		2	0	0
MEOORA 3 NNE		87.6M	51.9M	69.8M		100	10+	36	7	25	10	0	0	0	0.65		0.28	21	0.0	0		2	0	0
MOTT		83.2	52.7	68.0	4.6	98	28	40	1+	24	5	0	0	0	2.02	- 1.63	1.15	30	0.0	0		2	2	1
NEW ENGLANO		83.8	52.0	67.9	4.5	97	10	39	1	22	7	0	0	0	2.53	- 1.47	1.53	30	0.0	0		5	1	1
NEWTOWN		82.5	54.5	68.5	6.8	96	10+	39	7	30	4	0	0	0	1.30	- 2.31	0.32	25	0.0	0		6	0	0
PARSHALL		81.3	53.6	67.5		95	10	41	1+	39	4	0	0	0	2.39	- 1.15	0.70	6	0.0	0		8	2	0
PORTAL	AM	78.9	53.5	66.2	5.5	97	11	42	27	53	2	0	0	0	3.16	- 0.62	0.98	19	0.0	0		8	3	0
POWERS LAKE 1 N		79.4M	52.4M	65.9M		97	10			44	3	0	0	0	4.06		2.55	18	0.0	0		7	2	1
RAUB 10 SSW		82.0M	54.5M	68.3M						22		0	0	0	2.45		1.07	18	0.0	0		4	3	1
RICHAROTON ABBEY		83.0	54.8	68.9	6.3	96	10+	41	1	27	7	0	0	0	1.47	- 2.52	0.63	30	0.0	0		5	1	0
STANLEY		79.5	51.3	65.4		98	10	37	1	60	3	0	0	0	6.15		3.25	18	0.0	0		6	3	2
TIOGA 1 E	AM	79.9	50.9	65.4		100	11	38	7	70	3	0	0	0	3.39		1.46	19	0.0	0		6	2	1
WATFORO CITY		82.9	56.6	69.8	6.9	102	10	45	7	20	5	0	0	0	2.82	- 0.76	1.48	18	0.0	0		5	2	1
WATFORO CITY 14 S		86.6M	55.4M	71.0M		103	10	38	7	12	9	0	0	0	3.82		2.35	18	0.0	0		6	1	1
WILLISTON WB CITY	R //	80.5	56.4	68.5	5.5	99	9+	46	7+	26	3	0	0	0	3.24	- 0.35	2.53	18	0.0	0		4	1	1
DIVISION				68.1											2.46				0.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
JUNE 1956

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	1.95			.52	.05		.07	.76					.06		.09					.04		T	.05			.22	.09			T	T	.
ADAMS 7 S	4.79				.10		2.52													.81						.10	.87				.39	.
ALEXANDER	3.00						.04								.01				1.54	.14			.38	.11		.55	.14			.04	.05	.
ALMONT 7 SW	2.81					.60	.05							.02		.24	T		T			T	T	T		T					1.90	.
AMBROSE 3 N	1.88					T				T	T						T		.48	.02			.83	.10		.27		.03		.15		.
AMENIA	2.66				.72	.10	.67																			.10		.87			.20	.
AMIDON	1.86												.29			.27	.31			T			.10	T		.04					.85	.
ARVILLA STATE PARK	2.11				.19		.40	.27						.08						.65			.10	T		.04	.06			T	.32	.
ASHLEY	3.22				.01		.48							T	.14	.03				.19		1.61				.58				.10	.08	.
BALTA	2.60			T		T	.54	.14												1.35		T	.02		T	.10					.45	.
BANTRY	2.84						.35													1.86			.16			.22					.25	.
BEACH	.50													.06	.06	.04				.06			.12	.06		.02					.08	.
BELCOURT INDIAN RES	2.42						.29	.03											.10	1.18			.06	.28	T	.48				T		.
BELFIELD	1.63			T		T					T	T		.09								.16	.03	T	T						1.35	.
BERTHOLD	3.49			.67	.01		.98										.03	.06	.96			.11	.19	.09		.28	.09	.01		.01		.
BEULAH	3.96				.08		.92	T						.05			T	.07		.95			.82			.02	.05	T			1.00	.
BISBEE	2.49						.79	.11												.91						.50					.18	.
BISMARCK WB AP R//	2.36		.04	.35		1.15	.09				T			.05		T			T			T	T		T	T	T	T		T	.68	.
BISMARCK 12 ENE	3.89			.01			2.60						.02																		1.26	.
BOTTINEAU	3.96						.41	.09					.03					T		2.24	.01	.04	.37	.45	.02	.05	.22				.03	.
BOWBELLS	4.54	T		T	T	T		.07					.21	.03			.52		2.84				.25	.21	.02	.08	.20	.06		.05		.
BOWMAN COURT HOUSE	.74															.33	.06					.35										.
BOWMAN 11 SE	.38					.05										.30		.03														.
BOWMAN 30 NNW	.99										.05	T	.12	.05	.06							T			.16						.55	.
BURT 16 N	1.03					.01								T		1.00						.02										.
BUTTE	1.98		T	.09			.26	.10						.02						.41		T		.09		.27	T	.05			.69	.
CARRINGTON	3.94						2.37	.36						T				T	T	.17			.09	T	.01		.34			T	.60	.
CARSON NO 2	1.73						.18	T				T	T	T		.48						.09				.02					.96	.
CAVALIER	3.34			T	T		1.07	.40					.06				.10		.01	1.02				.10		.06	.47			T	.05	.
CENTER	3.53		.04	T		.75	.07										1.15					.80	T								.72	.
COLGATE	3.58				1.37		1.58	.10																			.26			.04	.23	.
COLUMBUS	2.37		.03	.09			.02				.01		.05				.09		1.08			.02	.40	.04		.39	.05	.02		.08		.
COOPERSTOWN	2.93			T	.03		.70	.76														T	.28	T	.07	T	.36			T	.73	.
COURTENAY	5.52			.06			3.00										.09					.33	.82	.05		.35				.09	.73	.
CROSBY	2.15			.11															.66				.53	.05		.53	.11	.01		.15		.
DEVILS LAKE WB CITY R//	5.95			T		1.75	1.66							.02			T	T	1.45			.23	.05	.06		.51			T	T	.22	.
DICKINSON CAA AP R//	2.35		.03			T						T	.01	.12	.01	.11			T			.15	T		T					1.61	.31	.
DICKINSON EXP STATION	1.17			.04			T							.10	.08	.07	.01			T			.20	T	T	T				T	.67	.
DONNYBROOK	3.35			.24	.06		.29			.03					T		.20	.47	1.20	.10			.24	.10		.39	.03					.
DRAKE	1.92						.58	.15						.03						.41			T	.05		.16	.02			T	.52	.
DUNN CENTER 2 SW	1.07						T							T		.06	T			.18	T		.06	.01		.52	T			.01	.23	.
ECKMAN 2 SE	4.49			.13	.01		.04	.16										T		3.23			.55	.10	T		.12			.02	.13	.
EDGELEY EXP FARM	3.59				.13		.95	.09							.09			.39		1.34		.10	.05			.20	.14			.10	.01	.
EDMORE 1 W	5.25			.02	T		2.37	.33												1.10				.25		1.08	T		T	T	.10	.
ELGIN 5 S	2.04					.31						T		T		.80						T			T	T					.93	.
ELLENDALE	4.67				.42	T	.44	.13						T	.16	T	.49	2.12	.01	T		.19	T			.68	T	.01		.02	T	.
ENDERLIN	2.09						.06	.54						.04	.04					.15			.53			.13	.36				.24	.
EPPING	3.21			.09										T		T			1.34	.05		T	.64	.03		.71	.15			.20		.
FAIRFIELD	.77		.02	T							T			.03	T		T		.10			.15	.11	.02		.15					.19	.
FARGO WB AP R//	2.85			.81	.40		.77	T				T	.04	T	T			T		T		T		T		.67	T		T	T	.16	.
FESSENDEN	4.17						2.70							.14						.66		.16		.04		.05		.01			.41	.
FLASHER	1.79						.85							.05		.25											.19				.45	.
FLAXTON	3.24		.08	.57	.04		.04						.05	T			.22		1.44	.01		.10	.35	.10	T	.12	.05			.06	.01	.
FORBES 13 NW	2.36				.36		1.15							T	.13	T	T	T				.30			T	.20	T	T	.15	.07	T	.
FORMAN	2.20				.19		.18	.24						T	.07			T		T		.08	.79			.24	.33			.08		.
FORT YATES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
FOXHOLM 7 N	3.50		T	.43			1.32										.28	.05	.78	T			.21	.10		.04	.17	T		.12		.
FULLERTON	2.94				.18		.95							.10	.40		.18			.68		.17				.28				T	T	.
GACKLE	5.45		.25				4.11							.02		.17						.17				.30				.02	.41	.
GARRISON	1.71						.46							T				.30		.20		T	.02	.05	T	.02	T				.66	.
GLEN ULLIN 13 N	2.05					.50	.01							T	.14							.73									.67	.
GOLDEN VALLEY 10 S	3.43		-			.16										.10			.78			1.10			.06						1.23	.
GRAFTON	5.48				.02		2.59	.68									.61			1.06				.03		.06	.26		T		.17	.
GRAND FORKS CAA AP R	3.26			.09		T	1.08							T					.16	.59		.06		T		.13					1.15	.
GRAND FORKS UNIVERSITY	2.99			.04	.07		.97	.13						.03					.09	.39			.07	.07	T	.02	.10				1.01	.
GRAND RAPIDS 1 N	2.56				T	.07	.60							T	.07		.03	.06		.78		.41				.20				.27	.07	.
GRANVILLE	3.39		.07	.60		.01	.67	.02								T	.36		1.00	.05		T	.29	T		.07					.25	.
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
GRENORA	3.69			.17		T					.13			T					1.30				.94	.02		.95	T	T		.18		.
HAGUE	2.50						1.05							T	.09	.03	.01			.26		.67				.27	T			.10	.02	.
HALLIDAY	2.20					T											.03		.03			1.45	T			.18					.51	.
HANKINSON R R STATION	2.11				T			.70							.05	.08		.12					.48			.32	.36					.
HANNAH	2.75						1.29	.06									.03			.62	T		T	.36	.04	.16	.14				.05	.
HANSBORO	2.02						.41										.03			.78			.02	.42		.36						.
HARVEY	5.09						3.26							.10						.71				.12		.20					.70	.
HETTINGER	1.08						.18							.01		.55	.17		T												.17	.
HILLSBORO	2.71				.68		.47	.60											T					T		T	.30			T	.66	.
JAMESTOWN CAA AP R//	6.76		T		.35		4.90							T			.17	T	T			.29		T		.25		.01		.04	.75	.
JAMESTOWN STATE HOSP	6.86				.41		4.88	T									.20	T				.22				.32	.02			.08	.73	.
KEENE 2 S	2.66										T	T	T	T					1.37			.03	.47	.34		.41	.03			.01		.
KENMARE	5.60			.38			.45	.16										.26		3.14			.63	.11	.01	.17	.19	.06		.04		.
KENSAL WILDLIFE REFUGE	5.08			.25	.10		3.03										.10					.05	.07							.30	1.18	.
KILLDEER 8 NW	.93																.09					.08	.12			.30				.05	.29	.
KULM	5.76						1.01								.07		.59	T		2.85		.53				.60	.03				.08	.
LANGDON EXP FARM	5.13				.25		1.62	.26									.87			.94				.30		.10	.63				.16	.
LANSFORD	3.73			.14	.27		.53										.10		1.21	.03			1.02	.02		.25	.13			.03		.
LARIMORE	3.39				.46	.91	.30							.07			.08			.66			.22	T		.10	.11				.48	.
LEEDS	3.70			.03			1.54					.12								1.56			.01	.09		.14					.21	.
LEFOR 10 E	2.47					.03	.02							.13		.60			.01					T							1.68	.
LINTON	6.85						4.42								T	.04				.14		1.35	T			.67					.23	.
LISBON	1.83						.24	.07						.06	.07					.55		.13	.08			.22	.27			.14		.
LITCHVILLE	2.27			.02	.06		1.05	.15						.08						.04		.28				.40	.11			.05	.03	.
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
MADDOCK AGR SCHOOL	5.50				.67	.02	3.21	.09						.05						.85		T	T	.11	T	.02				T	.48	.
MANDAN EXP STATION	3.61			.06	.43		1.93	T						.03		T		.15				.06	.05			T					.90	.
MANDAN FT LINCOLN PARK	2.56		.15	.09			1.30									.04						T	T			T	T				.98	.
MARMARTH	.48										T					T	.06		.03			.08	T			.11					.20	.
MARTIN	1.77						1.57					T								.03							.17					.
MAX	4.97			.02	.79		1.09	.04						T				1.02		.11		.03	.38	.75	.03	.06	.14			T	.51	.
MAYVILLE	3.13			T		.43	.47							T					T				T	.01		T	.21			T	2.01	.
MC CLUSKY	3.96		.22	.04			2.15									.02	.24					.34		.10		.03	.08				.74	.
MC HENRY 5 N	4.66			T			1.98							T						.82		.68			.02	.43					.73	.
MC LEOD 3 E	2.95						.03	.65							.07			1.10		.48		.10				.13	.32			.03	.04	.
MC VILLE	3.93				.03		3.02	.02						.06			T						.02	T			.02				.76	.
MEDINA	4.53						2.80															.53	.12			.15	.24				.69	.
MEDORA 3 NNE	.65													.08			.01		.05			.28				.23						.
MEDORA 23 NNW	.84																			.40			.15	.06	.15						.08	.
MINOT CAA AP	2.80		.05	.02		.30	.55				T		T	T	T	T	.50		.43			.52	.03	.02		.35	T	T		.03	T	.
MINOT EXP STATION	2.97			.07	T	T	.14	.36									.01	.78		.70			.53	.05	.02	T	.14	T		.01	.16	.
MOFFIT 4 SE	5.97						4.55	T												T		.28				.24	T				.90	.
MOHALL	5.11			.02			1.63					.06	T					.05	1.81	.08			.80	.08		.40	.09			.09	T	.
MONTPELIER	2.74			T	.01		.83	.05						T	T		.94			T		.22				.33	.04			.04	.28	.
MOTT	2.02					.09	.05							T		.70	.03					T									1.15	.
MUNICH 4 SW	4.82						1.57	.23												1.06				.64		1.05	.02				.25	.
NAPOLEON	7.16						3.62	T												T	.10	2.82				.08				T	.54	.

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	2.53													.35		.15	.03					.37	T						.10		1.53	
NEW ROCKFORD 7 WNW	5.95			.26			3.73	.14				.07		.14					T	.81			T	T		.20					.60	
NEW SALEM 1 S	5.00					.74	.11							.02		.10	.26		T			.51				.13			T		3.13	
NEWTOWN	1.30						.10									.02	.25		.10			.30	.14	T		.32	.02			T	.05	
NOONAN	2.64			.23			.06				.18					.05			.85				.70	.05		.38				.14		
NORTONVILLE	1.83		.61															.26				.30			.54	.12						
OAKES	2.09				.12		.36	.53							.10			.51	T	.07		.11	.06			.18	T				.05	
PARK RIVER	6.16				.01		3.48	.57						T			.32			1.04			.02	.06		.25					.41	
PARSHALL	2.39					.05	.70						T			.10	T		.64			.14	.27	.14		.17	.02				.16	
PEMBINA 2 N	1.79			.04			.68	.10												.73						.05	.09	T			.10	
PETERSBURG	5.10			.08	.69		2.52	.26						.10						1.01							.10				.34	
PETTIBONE	5.11				.07		2.55	.15						.02			.06					.86		T		.01	.07			.22	1.10	
PINGREE	5.21						2.70										.71					.12	.18			.18				.05	1.27	
PORTAL	3.16			.10	.10		.02	T			T		.07		T		.04	.80		.98		T	.51	.26		.15	.10	T		.03	T	
POWERS LAKE 1 N	4.06						T			.18			.10						2.55			.03	.33	.18		.51	.10				.08	
PRETTY ROCK	1.69					.08	.02				T		T		.22							.13									1.24	
RAUB 10 SSW	2.45																T		1.07			.74	.10								.54	
REEDER	1.50						.35								.07	.80	.23														.05	
REEDER 14 N	1.16						.13									.21	.09														.73	
RICHARDTON ABBEY	1.47					.04	.16					T		.05		.24			.13			.13	T	.09		T		T			.63	
RIVERDALE	7.29			T	.92		1.35	.02						.01			.08	.55		2.45		.06	.16	.04	T	.02	.48	.06			1.09	
ROLLA	2.84						.28					.03					T		1.10	.70			.05	.27		.41				T		
RUGBY	2.14			T			.53							T						1.25			.01	.10		.02				.03	.20	
RYDER	3.99		.26	.14		.66	.41				T		T		T	T	.49		.85			.44	.14	.18		.04	.03				.35	
SAN HAVEN	2.72						.20												.14	1.42			.33	.27		.36						
SCRANTON	.54										T			T	T	.34	.12				T	T									.08	
SELFRIDGE 11 W	1.58			.02			.60							.08		T	.10					.02				.54					.22	
SENTINEL BUTTE 20 S	1.13												.35	T								.06				.04					.68	
SHARON	4.35			T	.52		1.95							T									.35	.02		.60	.03				.88	
SHERWOOD 3 N	5.67			.05			.97						.01	T	.01		.03		3.18	.05			.53	.15		.08	.27			.02	.32	
SHIELDS	2.85						.37							.01	.02	.15						1.45				.08					.77	
STANLEY	6.15		.24				.15										.07		3.25			.08	.64	.09		1.28	.04			.31		
STEELE	4.54						2.68							T				.02				.10	T			.30		T		.04	1.40	
SYKESTON	4.90						3.90	.27												T		.20	T			.48	.05					
TAGUS	5.28		.80	T	T	T	1.08			.06			T	T			.31		1.31			.98	.15	.04		.35	T			.20		
TIOGA 1 E	3.39						.08						.06	.02			.01			1.46			.30	.28		.36	.60	T		.22	T	
TOLLEY 4 NE	3.54					.07	.74					T	.16	T	T		.06		1.73			T	.33	.04		.08	.15				.18	
TOWNER	2.01						.44													1.37										.02	.18	
TROTTERS 6 SE	1.00						.04			T	T		T	T		T			.12			.16	.19	.02			.47			T		
TURTLE LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TUTTLE	3.22						1.36					.01		.09			.15					.42				.07	.25	.02		.13	.72	
UNDERWOOD	4.12				.08		.40							.01			1.27			1.16		.13			.12		.05	.02			.88	
UPHAM 3 N	4.66						.15									T			.30	2.24			1.31	.11	.02	.10					.43	
VALLEY CITY	2.82				.33		1.40	T									.02					.22				.15	.42			.28		
VELVA	4.28			.48		.01	1.62									T	T		.90	.59		.04	.12	T		.06	.11				.35	
VERONA	2.66						.27	.24				T		T	.08		.17			1.09		.16				.20				.36	.09	
WAHPETON STATE SCHOOL	2.03			.08				.54					T		.05				.12			.01	.88			.22	.13					
WALHALLA	2.29						1.10	.28									.59							.21		.11						
WARWICK	6.13						4.47	.27						.14						.67				T	T	.15				T	.43	
WASHBURN	2.59		.01	.13			.90					T		.10			.23					.25	.05			.10	.02				.80	
WATAUGA S OAK 8 N	1.85						T	T								.22						.55								.16	.92	
WATFORD CITY	2.82						.15												1.48				.42	.14		.50				.08	.05	
WATFORD CITY 14 S	3.82						.05						.12						2.35	.30		T	.29	.20	T	.47				T	.04	
WESTHOPE	4.17		T	.22			.51						.05				.03		2.23			.62	.22	.02		.19					.08	
WILDROSE	3.65													.01		.06			1.46				1.05	.09		.85	.04		.09			
WILLISTON WB CITY R//	3.24			.01			T				.02			.01					2.53			.04	.23		.14	.21	.01		.04	T		
WILLOW CITY	2.34					.28	.11							T		T			1.31			.06	.23	.06		.29				T	T	
WILTON	3.46		.07	.10		.60	.06							.09		T				.10		1.38	.12							.06	.88	
WISHEK	3.56						.92								.04					.81		.52				.58				.03	.66	
WOODWORTH 5 E	4.00						2.90								T							.30		T		.10			.15	.55		
ZAHL	3.27			.18			T				.06					T			.78			.35	.60	T		1.04	T	.04	.22	T		

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1955-56

NORTH DAKOTA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ABERCROMBIE 3 NW	-	-	-	-	-	-	-	-	13.1	4.6			-	
ADAMS 7 S				4.0	18.3	9.5	15.6	7.0	16.3	1.9	T		72.6	
ALEXANDER				-	6.4	4.7	2.0	1.0	-	T			-	
ALMONT 7 SW	T			T	18.4	2.5	4.1	1.4	11.9	T	T		38.3	
AMBROSE 3 N				2.0	-	-	-	1.0	-	-	T		-	
AMENIA					6.7	7.1	9.0	5.2	-	6.2			-	
AMIDON		T		T	7.0	1.0	2.6	T	2.0	-	1.0		-	
ARVILLA STATE PARK				-	-	-	-	-	-	-			-	
ASHLEY					2.5	2.0	5.7	3.0	11.0	2.0	3.0		29.2	
BALTA				-	-	-	-	-	-	-	T		-	
BANTRY				1.0	10.0	5.0	6.0	5.0	12.0	4.5			43.5	
BEACH	T	T		T	7.5	4.6	4.7	2.9	5.5	1.2	.5		26.9	
BELCOURT INDIAN RES	T	T	T	2.0	8.0	2.0	8.0	4.6	20.7	1.5	T		46.8	
BELFIELD					-	-	-	-	-	-	T		-	
BERTHOLD			T	2.5	-	-	-	-	-	-			-	
BEULAH				1.0	9.0	1.0	4.0	T	13.0				28.0	
BISBEE				2.0	10.4	6.8	10.9	6.0	16.0	1.0	T		53.1	
BISMARCK WB AP	T			.1	14.7	5.2	9.9	2.5	11.8	.4	T		44.6	34.9
BISMARCK 12 ENE				-	-	-	-	-	-				-	
BOTTINEAU	T		T	-	9.3	3.4	4.6	2.2	5.7	1.0	2.8		-	
BOWBELLS	T			7.0	11.0	7.0	2.0	1.6	14.0	3.0			45.6	
BOWMAN COURT HOUSE				T	10.0	-	4.0	-	-	1.5	4.5		-	
BOWMAN 11 SE					-	-	-	-	-	1.0	-		-	
BOWMAN 30 NNW		-			-	-	-	-	-	-	3.0		-	
BURT 16 N					15.0	3.0	-	2.0	6.0				-	
BUTTE				2.0	11.0	5.0	7.0	5.0	12.5	T	T		42.5	
CARRINGTON	T				7.0	2.1	8.3	2.3	11.3	.3	.3		31.6	
CARSON NO 2					8.0	-	-	-	-	T	1.0		-	
CAVALIER			T	1.5	21.0	6.3	13.7	5.3	12.8	1.0			61.6	
CENTER	-			.5	11.0	2.0	2.0	1.0	13.0	T			-	
COLGATE					9.0	3.3	11.5	8.5	-	4.0			-	
COLUMBUS			T	7.0	8.7	2.5	2.3	1.2	8.9	4.0			34.6	
COOPERSTOWN				T	12.2	4.1	11.6	4.0	13.0	2.0			46.9	
COURTENAY	T			T	14.5	-	9.0	6.5	18.3	.5			-	
CROSBY	T			-	12.9	3.2	4.7	.7	8.7	3.4			-	
DEVILS LAKE WB CITY				3.2	19.8	8.0	15.5	5.7	25.6	2.0	.4		80.2	35.0
DICKINSON CAA AP	T			.2	7.7	1.5	7.7	1.6	4.3	1.8	T		24.8	
DICKINSON EXP STATION		T			-	1.7	6.5	.5	-	-	T		-	
DONNYBROOK		-		3.5	10.1	6.0	5.0	1.9	-	3.1			-	
DRAKE				-	-	-	-	-	-				-	
DUNN CENTER 2 SW		T		3.0	-	-	-	-	6.7	.5			-	
ECKMAN 2 SE	T	T	T	-	-	-	-	-	-	-			-	
EDGELEY EXP FARM					3.5	-	5.5	2.0	7.0	4.0			-	
EDMORE 1 W				3.2	18.7	8.5	12.0	3.7	17.5	2.5			66.1	
ELGIN 5 S					20.0	2.0	11.0	3.0	4.5	1.0	-		-	
ELLENDALE					2.5	6.2	10.9	5.0	12.0	4.0			40.6	
ENDERLIN	T				3.2	7.9	10.0	-	11.0	-			-	
EPPING			T	-	-	-	-	-	-	-	T		-	
FAIRFIELD		T		1.0	7.3	2.0	2.0	T	4.0	2.0	4.0		22.3	
FARGO WB AP				T	6.0	4.9	7.9	1.8	9.2	4.7			34.5	38.4
FESSENDEN				T	20.0	3.0	12.0	2.0	16.0	-			-	
FLASHER					12.0	1.5	9.0	1.0	7.5	1.0	1.0		33.0	
FLAXTON		T	.5	6.0	7.7	8.2	3.3	1.8	15.6	7.3	T		50.4	
FORBES 13 NW	T	T			2.5	4.0	6.5	3.0	8.5	2.0	2.5		29.0	
FORMAN	T				-	-	-	2.0	15.5	-			-	
FORT YATES		T			6.0	7.1	11.7	2.5	4.7	T	T	-	-	
FOXHOLM 7 N	T			-	14.0	1.0	2.7	.5	16.0	.5			-	
FULLERTON	T				2.5	6.2	11.3	5.3	12.8	6.9			45.0	
GACKLE	T				2.8	4.2	7.0	1.0	7.5	.8	T		23.3	
GARRISON	T	T		3.5	6.7	2.5	4.6	-	-				-	
GLEN ULLIN 13 N				T	9.5	1.5	3.0	-	-	-			-	
GOLDEN VALLEY 10 S				-	-	1.0	-	-	-				-	
GRAFTON				2.0	19.3	6.3	19.8	5.9	18.6	1.0			72.9	
GRAND FORKS CAA AP				1.1	15.1	8.5	16.2	7.6	14.7	1.5	T		64.7	
GRAND FORKS UNIVERSITY				.5	13.1	4.4	11.9	6.3	15.3	1.8			53.3	
GRAND RAPIDS 1 N					3.0	5.0	8.2	6.0	15.5	5.5			43.2	
GRANVILLE				2.0	11.0	3.0	7.0	1.0	10.0	T	1.0		35.0	
GRASSY BUTTE 10 N				2.5	8.5	.9	-	-	-	-	-	-	-	
GRENORA				-	4.0	T	4.3	-	-	4.5			-	
HAGUE					3.7	2.0	8.4	2.6	7.9	2.0	2.5		29.1	
HALLIDAY				T	-	-	-	-	-	T			-	
HANKINSON R R STATION					1.1	8.9	5.5	-	9.0	-			-	
HANNAH				4.0	16.0	4.8	9.0	4.3	11.2	.3			49.6	
HANSBORO		T		2.5	16.3	3.6	7.6	4.5	10.1	1.3	T		45.9	
HARVEY				-	-	-	-	-	-				-	
HETTINGER					-	3.0	5.3	1.3	2.7	2.0	3.0		-	
HILLSBORO			T	T	9.0	4.5	9.0	3.0	11.0	6.0			42.5	
JAMESTOWN CAA AP	T			T	6.1	3.2	8.2		13.6	3.4	T		38.7	
JAMESTOWN STATE HOSP	T				6.0	1.6	4.3	4.1	12.9	T			28.9	
KEENE 2 S	T	T		5.0	11.6	4.1	2.7	1.4	11.3	1.7			37.8	
KENMARE	T			-	-	-	-	-	-	-	-		-	
KENSAL WILDLIFE REFUGE	T				12.5	3.0	7.0	4.0	12.0	2.0			40.5	
KILLDEER 8 NW				3.0	12.0	1.0	2.0	2.0	11.0	1.0			32.0	
KULM	T				-	-	8.5	5.5	8.0	T			-	
LANGDON EXP FARM	T		T	1.5	18.7	5.6	15.2	5.6	22.6	1.3	.5		71.0	
LANSFORD		T	T	3.5	10.5	4.5	7.0	4.0	16.0	T			45.5	
LARIMORE					-	7.2	10.5	3.0	14.5	2.0			-	
LEEDS	T	T	T	4.0	-	7.0	17.7	5.8	20.0	1.1	5.0		-	
LEFOR 10 E	T				11.9	2.5	3.2	1.3	4.9	1.0	3.0		27.8	
LINTON	T	T		T	5.1	2.8	9.0	2.0	9.7	T			28.6	
LISBON					-	7.0	-	-	-	-			-	
LITCHVILLE					2.0	3.5	7.1	-	14.0	-			-	
LOSTWOOD 12 N	T			5.0	10.2	6.0	1.6	1.3	9.8	3.6	-	-	-	
MADDOCK AGR SCHOOL		T		-	-	-	-	-	-		T		-	
MANDAN EXP STATION				T	15.6	2.8	7.9	2.1	13.6	.5	T		42.5	

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1955-56

NORTH DAKOTA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
MANDAN FT LINCOLN PARK				T	12.0	5.0	14.0	1.0	11.0	1.0	T		44.0	
MARMARTH					-	3.9	-	2.8	-	.5	4.6		-	
MARTIN				2.0	-	-	-	-	-	T	T		-	
MAX	T	T		3.0	11.5	-	4.3	2.3	15.0	T			-	
MAYVILLE				.2	7.5	4.9	8.5	4.1	14.9	6.7			46.8	
MC CLUSKY				.5	13.4	2.0	8.3	1.7	13.2	T			39.1	
MC HENRY 5 N				.5	9.2	1.5	8.2	3.2	19.2	2.3	1.0		45.1	
MC LEOD 3 E	T	-			7.0	8.2	9.0	2.7	18.0	10.0			-	
MC VILLE				-	13.9	4.3	8.3	6.0	15.5	2.5			-	
MEDINA					-	-	6.0	-	9.5				-	
MEDORA 3 NNE	T	T		T	13.5	6.0	3.0	2.2	5.5	1.0	T		31.2	
MEDORA 23 NNW					6.0	2.5	4.5	3.0	1.5	.5			18.0	
MINOT CAA AP		T		1.6	9.7	4.1	4.4	1.8	13.2	.3	T		35.1	
MINOT EXP STATION				3.0	10.9	3.0	6.1	.9	11.4	.7	.5		36.5	
MOFFIT 4 SE			T	.5	9.4	3.0	6.7	1.2	7.6	T	T		28.4	
MOHALL				-	12.5	5.0	5.0	2.5	16.3	3.0			-	
MONTPELIER	T		T	T	4.3	1.5	6.6	3.9	13.9	2.3	.7		33.2	
MOTT				T	10.0	1.8	2.0	2.5	3.4	.5	3.0		23.2	
MUNICH 4 SW	T			-	11.5	5.5	11.5	4.0	18.5	2.0	T		-	
NAPOLEON					8.5	2.5	7.9	1.1	11.6	T	-		-	
NEW ENGLAND	T			T	12.0	2.1	4.6	-	-	-	-		-	
NEW ROCKFORD 7 WNW				1.0	11.0	2.5	13.5	2.0	17.0	T			47.0	
NEW SALEM 1 S				T	14.5	4.1	4.5	4.3	9.7	T			37.1	
NEWTOWN	T			-	12.0	2.9	1.5	.5	9.5	2.0			-	
NOONAN				5.3	11.0	7.3	3.2	1.4	7.2	4.1			39.5	
NORTONVILLE	T				2.0	1.0	8.0	2.0	6.0	3.0			22.0	
OAKES	T				1.8	-	9.0	4.8	21.0	1.3			-	
PARK RIVER				-	12.0	3.8	14.7	4.0	18.3	-			-	
PARSHALL				2.0	12.7	3.0	4.7	1.0	11.0	2.0			36.4	
PEMBINA 2 N				-	-	4.5	13.0	6.0	-	-			-	
PETERSBURG				1.0	9.5	4.9	14.4	9.6	16.1	2.4			57.9	
PETTIBONE			T	3.0	12.0	-	9.0	1.5	-				-	
PINGREE				T	-	13.0	-	-	13.5	4.0	1.0		-	
PORTAL			T	5.5	6.0	2.0	2.0	T	9.0	3.4			27.9	
POWERS LAKE 1 N				-	7.0	1.0	-	-	13.5	1.0	T		-	
PRETTY ROCK	T	T	T	T	14.5	7.0	7.5	2.0	6.0	7.5	3.0		47.5	
RAUB 10 SSW		T		-	9.0	-	3.0	T	-	5.0	T		-	
REEDER	T	-	T		-	-	-	-	-				-	
REEDER 14 N	T	T		T	-	1.8	2.0	T	1.9	.3	1.6		-	
RICHARDTON ABBEY				.5	11.3	3.3	6.0	2.2	9.0	1.0	T		33.3	
RIVERDALE				3.0	10.5	1.5	-	1.0	11.4	T			-	
ROLLA		T	T	2.0	12.9	7.6	7.8	5.4	12.5	2.0	T		50.2	
RUGBY				3.0	21.0	6.0	9.0	-	-	-	T		-	
RYDER			-	3.9	-	-	-	-	-	-	2.0		-	
SAN HAVEN			T	1.7	9.2	3.3	6.2	3.9	12.4	.7	T		37.4	
SCRANTON	T	.5			-	1.5	3.7	1.0	2.5	2.0	2.5		-	
SELFRIDGE 11 W				T	9.0	3.0	-	5.0	-	2.0	1.0		-	
SENTINEL BUTTE 20 S				T	6.0	1.0	.5	T	T	T	3.0		10.5	
SHARON	T			T	12.3	4.0	11.5	4.0	15.3	3.7	1.0		51.8	
SHERWOOD 3 N	T	T		4.0	8.1	3.9	3.6	3.2	12.0	5.0	T		39.8	
SHIELDS	T				-	4.0	11.0	1.0	-	-	-		-	
STANLEY					16.0	-	2.5	1.0	-	2.0			-	
STEELE				T	20.0	6.5	14.0	4.0	23.1	T	6.0		73.6	
SYKESTON					-	-	8.0	4.0	-	-			-	
TAGUS			T	-	11.7	-	1.5	2.2	17.9	6.1	1.0		-	
TIOGA 1 E	T	T		7.1	12.5	4.2	2.5	2.9	12.0	2.4	-		-	
TOLLEY 4 NE	T	T		-	-	-	-	-	-	T			-	
TOWNER				3.0	15.0	-	8.0	5.0	17.0	3.0			-	
TROTTERS 6 SE	T			T	7.1	2.7	2.5	2.4	5.1	1.3	T		21.1	
TURTLE LAKE		T		4.0	-	-	-	-	-		-	-	-	
TUTTLE	T	T		T	14.4	4.2	9.4	1.2	10.2	.3	2.5		42.2	
UNDERWOOD	T			-	-	-	-	-	-	.6			-	
UPHAM 3 N				1.5	13.5	5.5	6.0	4.0	11.0	2.0	.5		44.0	
VALLEY CITY					3.8	3.3	10.3	5.7	13.3	6.7			43.1	
VELVA	T			3.0	13.0	5.5	7.5	2.0	13.0	1.0			45.0	
VERONA	T				1.1	-	10.0	9.5	14.0	4.0			-	
WAHPETON STATE SCHOOL				T	5.0	11.7	10.6	4.1	12.6	-			-	
WALHALLA				T	30.0	5.5	21.6	9.5	25.1	T			91.7	
WARWICK				T	8.0	-	17.0	4.0	22.0	-			-	
WASHBURN					-	-	-	-	-	T			-	
WATAUGA S DAK 8 N					11.8	7.0	8.5	6.5	4.0	2.0	3.0		42.8	
WATFORD CITY				4.5	11.0	9.5	6.5	2.0	-	3.0			-	
WATFORD CITY 14 S				1.0	-	-	-	-	-	.5			-	
WESTHOPE				1.5	16.5	9.0	10.0	4.0	16.5	4.5			62.0	
WILDROSE				4.0	10.0	4.0	T	-	4.0	T			-	
WILLISTON WB CITY				1.5	8.0	4.5	1.6	1.2	6.1	.9	T		23.8	30.6
WILLOW CITY		T		-	8.0	7.0	5.5	4.0	14.0	2.0	T		-	
WILTON		T		-	-	-	-	-	-	-	-		-	
WISHEK					-	-	-	-	-				-	
WOODWORTH 5 E				T	-	1.0	-	-	-	T	1.2		-	
ZAHL				2.0	9.0	3.0	3.1	2.5	3.2				22.8	

BEGINNING WITH JANUARY 1, 1956, HAIL WAS EXCLUDED FROM THE SNOWFALL TABLES.

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	75	82	81	85	84	67	80	88	90	95	92	82	84	77	76	86	83	86	85	88	89	70	74	79	79	78	79	98	90	78		82.7
	MIN	42	52	57	56	59	49	47	55	57	68	65	57	59	58	50	59	65	59	54	58	62	54	48	47	60	54	50	54	63	55		55.8
AMENIA	MAX	70	84	79	79	83	79	86	89	94	97	96	98	92	79	80	84	80	84	85	85	87	85	82	80	75	75	77	81	85	82		83.7
	MIN	39	44	58	57	64	55	52	56	62	64	60	69	60	60	50	60	57	64	61	56	58	58	60	57	54	55	55	45	56	55		56.7
AMIDON	MAX	67	80	81	61	90	86	69	83	92	98	91	96	84	83	79	80	81	85	81	89	95	78	70	60	85	79	80	81	96	92		83.8
	MIN	41	49	52	53	57	55	44	50	58	62	64	58	53	54	51	52	52	54	49	55	61	47	54	42	58	48	46	56	55	43		52.4
ARVILLA STATE PARK	MAX	72	79	82	80	84	83	78	91	90	92	91	87	87	85	76	79	78	82	81	81	81	81	75	73	69	73	72	80	87	81		81.0
	MIN	27	43	56	57	52	62	54	55	54	60	67	63	57	56	44	58	60	65	60	53	52	57	59	57	50	54	54	39	50	59		54.5
ASHLEY	MAX	70	82	82	79	63	80	78	85	90	95	95	94	85	79	76	81	85	82	82	84	81	82	73	76	77	72	74	89	88	74		81.8
	MIN	38	49	55	57	57	60	46	54	57	60	69	63	60	58	53	64	62	55	56	57	61	50	53	49	57	49	50	50	63	57		55.6
BEACH	MAX	68	84	83	83	89	85	67	83	92	95	98	98	86	84	78	81	86	83	83	89	94	76	64	76	84	80	77	82	94	69		83.8
	MIN	44	54	54	56	64	55	40	47	49	62	65	56	54	53	50	54	50	61	48	61	60	48	52	46	58	48	45	56	63	56		53.7
BELCOURT INDIAN RES	MAX	73	82	83		81	80	76	85	92	94	93	90	82	74	72	80	85	83	76	79	81	78	67	68	70	70	71	80	79	76		79.3
	MIN	35	45	52	48	61	57	47	43	47	58	65	63	46	48	43	56		57	54	47	59	51	51	54	52	51	50	51	52	55		51.7
BELFIELD	MAX	81	81	82	89	87	83	80	91	94	97	98	91	85	79	83	82	84	83	67	93	86	63	74	83	84	73	84	88	91	79		84.5
	MIN	41	41	50	47	62	42	44	47	49	62	57	53	52	51	50	51	52	51	46	53	56	46	52	46	53	50	50	53	56	56		50.6
BEULAH	MAX	62	74	80	75	83	81	63	79	85	89	97	94	81	83	78	75	87	83	85	79	85	81	66	70	77	78	76	78	92	87		80.1
	MIN	38	49	49	50	57	58	40	44	51	55	57	58	52	59	49	49	61	54	50	52	57	50	50	43	48	41	48	50	57	53		51.0
BISBEE	MAX	75	84	84	83	76	76	69	79	91	93	92	85	84	74	74	89	83	85	77	80	83	75	68	69	71	72	72	82	80	74		79.3
	MIN	35	47	55	55	60	57	47	57	58	62	67	62	51	55	45	60		70	57	56	75	56	58	55	55	52	49	50	56	56		55.8
BISMARCK WB AP	MAX	75	82	79	88	87	74	81	87	93	99	92	86	85	79	80	87	85	66	81	88	86	74	74	78	80	77	79	95	89	78		63.5
	MIN	42	56	54	55	63	50	46	55	58	63	66	62	58	60	54	68	64	61	56	56	59	55	55	48	55	50	55	54	63	57		56.7
BOTTINEAU	MAX	65	75	84	81	85	84	65	78	85	93	96	96	82	83	75	73	84	85	87	76	80	78	61	69	72	71	72	75	82	78		79.0
	MIN	41	52	53	55	61	61	42	48	56	65	65	60	54	55	48	58	60	59	53	52	62	53	52	50	55	49	50	58	58	57		54.7
BOWBELLS	MAX	79		88	85	84		80	87	95	98	94	91	78	76	70		86	78	76	81		80	60	63	70	72	71	80	81	75		79.9
	MIN	41		50	47	60		42	45	54	65	63	50	53	43	45	60	55	53	50	54		50	51	48	56	46	47	56	55			51.5
BOWMAN COURT HOUSE	MAX	81		82	90	87	81			96	97	100	98	87	83	83	84	92	84	89	95	92	72	79	85	83	80	82	98	94	89		87.5
	MIN	41		51	55	61	54			42	62	62	62	55	58	52	58	51	57	48	57	47	46	51	47	55	45	47	54	59	48		52.8
BUTTE	MAX																																
	MIN																																
CARRINGTON	MAX	60	72	81	79	82	82	72	76	87	91	92	89	83	84	75	76	81	82	62	76	81	86	73	71	74	78	72	74	84	84		79.3
	MIN	37	46	52	56	60	60	48	55	58	61	62	62	58	58	48	51	60	61	57	51	60	52	55	52	56	51	55	49	55	55		54.7
CARSON NO 2	MAX	65	75	80	82	86	71	69	84	90	94	100	95	85	85	79	76	87	85	88	87	91	90	76	75	80	80	79	81	99	91		83.5
	MIN	40	53	50	55	63	46	46	56	62	63	67	59	57	60	51	57	62	59	53	58	67	50	57	50	59	48	47	55	60	56		55.5
CAVALIER	MAX	75	83	80	81	86	82	78	89	94	94	93	91	90	82	77	81	81	84	77	85	85	83	76	72	72	75	71	77	81	80		81.8
	MIN	36	46	59	55	56	62	55	54	58	63	67	66	59	55	44	60	63	61	59	57	58	61	58	55	50	52	52	47	52	59		56.0
CENTER	MAX	74	80	76	86	82	67	89	92	93	93	83	85	77	75	83	84	80	83	79	84	82	67	69	76	76	74	76	92	86	80		80.8
	MIN	37	49	51	51	60	53	43	53	59	59	62	55	59	51	53	63	63	58	53	54	61	50	52	47	57	48	48	48		64		53.8
COOPERSTOWN	MAX	71	83	85	79	85	82	79	87	92	94	93	90	85	80	77	83	81	84	82	85	88	83	73	72	75	73	74	84	82	81		82.1
	MIN	35	47	56	59	59	60	50	55	60	64	66	64	59	60	49	59	61	64	60	52	60	54	58	55	55	53	51	47	56	57		56.2
CROSBY	MAX	85	89	83	88	88	82	80	87	98	102	90	85	82	75	74	89	85	80	76	85	82	69	69	71	72	74	76	81	78	77		81.7
	MIN	45	54	52	51	65	53	45	56	56	68	56	52	56	46	48	62	52	52	53	56	66	51	53	48	57	46	48	55	54	54		53.7
DEVILS LAKE WB CITY	MAX	73	84	82	80	83	70	76	88	92	93	90	82	83	72	75	83	81	84	75	80	84	70	69	71	70	72	71	81	80	75		79.0
	MIN	40	51	56	59	60	55	50	60	63	66	69	63	60	54	47	59	63	60	58	55	62	56	56	55	55	54	53	52	57	57		56.8
DICKINSON CAA AP	MAX	80	82	80	87	88	69	83	90	93	98	95	83	83	80	78	83	83	87	88	92	81	67	77	82	82	78	83	98	90	77		83.9
	MIN	42	51	55	56	62	47	45	50	55	64	62	56	56	56	50	61	53	57	52	57	52	49	52	47	51	47	46	56	56	55		53.3
DICKINSON EXP STATION	MAX	67	80	81	80	87	87	71	83	91	93	99	96	83	83	79	76	84	83	89	86	94	83	68	74	82	81	79	82	96	90		83.6
	MIN	43	51	52	53	63	55	41	45	49	63	60	55	53	56	50	51	52	59	46	54	64	53	53	47	45	50	45	57	61	55		52.7
DRAKE	MAX	64	75	81	79	85	82	68	77	87	92	94	90	84	86	76	74	84	84	85	76	83	84	67	70	75	74	73	76	88	82		79.8
	MIN	42	48	57	54	61	61	47	55	62	66	66	60	58	59	50	53	63	60	57	55	63	54	55	49	57	49	53	53	57	58		56.1
DUNN CENTER 2 SW	MAX	66	79	81	78	85	88	66	83	90	95	100	99	82	86	77	74	86	82	86	81	91	81	62	74	79	75	75	89	86	84		82.0
	MIN	42	50	54	52	54	52	55	59	55	61	72	58	57	58	49	50	54	62	52	53	65	51	54	45	52	49	48	51	60	52		54.2
ECKMAN 2 SE	MAX	68	77	85	81	86	87	64	79	89	95	98	96	86	86	76	72	85	85	85	77	81	81	59	70	72	74	73	76	85	79		80.2
	MIN	38	33	51	49	59	54	45	49	53	61	62	59	51	50	48	54	51	54	41	53	57	54	54	52	58	52	52	55	59	59		52.2
EDGELEY EXP FARM	MAX	60	70	82	85	81	84	81	78	87	92	97	95	97	86	78	79	83	81	83	81	80	82	78	75	75	79	74	75	86	87		81.7
	MIN	35	44	52	60	59	61	49	55	55	58	60	62	56	60	53	58	64	60	61	55	55	52	54	52	57	53	55	49	59	57		55.3
EDMORE 1 W	MAX	70	85	83	78	85	81	74	83	90	92	89	82	84	73	76	82	79	82	78	78	81	75	86	68	67	70	71	79	78	78		79.2
	MIN	35	50	55	50	58	60	49	55	58	68	65	65	58	55	48	57	60	60	58	54	58	55	55	55	54	58	46	47	58	56		55.3
ELLENDALE	MAX	69	84	88	83	84	81	78	87	93	100	98	102	87	80	82	82	86	84	84	86	85	79	77	79	77	75	72	87	86	85		84.0
	MIN	36	46	53	60	61	62	60	50	56	61	68	61	61	58	54	63	62	63	61	56	62	52	55	52	57	53	55	50	61	61		57.0
ENDERLIN	MAX	59	70	81	87	84	85	80	80	88	90	91	97	99	89	81	80	85	83	83	85	87	84	79	78	78	76	75	77	83	83		82.6
	MIN	34	43	59	59	59	64	51	53	56	57	67	65	60	61	52	58	60	60	64	52	61	55	55	54	57	54	53	44	56	58		56.0
FAIRFIELD	MAX	80	79	78	85	85	77	81	90	93	98	97	85	82	77	74	85	83	84	85	91	83	62	70	80	76	77	79	92	87	82		82.6
	MIN	42	50	54	55	62	55	45	56	56	64	64	57	56	53	49	63	53	61	51	55	55	48	53	46	47	47	48	57	55	55		53.7
FARGO WB AP	MAX	71	82	76	80	86	84	78	88	92	97	96	99	66	80	79	82	80	82	85	86	88	80	78	73	74	73	75	80	81	75		82.2
	MIN	35	51	59	60	60	62	57	58	62	65	71	70	63	59	53	62	60	67	62	56	64	60	61	58	58	57	54	48	63	62		59.2
FESSENDEN	MAX	74	82	80	82	83	72	78	89	93	94	91	89	88	81	75	83	88	84	78	84	80	76	72	73	77	74	77	85	85	80		81.6
	MIN	40	50	55	64	55	60	47	58	60	63	68	68	58	59	58	60	65	68	58	59	57	52	56	52	49	50	50	50	55	56		56.7
FORMAN	MAX	72	64	69	85	86	84	81	89	94	97	97	102	98	84	82	83	86	82	85	86	87	80	79	78	79	75	76	84	87	85		85.2
	MIN	34	42	60	60	61	64	52	53	56	62	69	72	62	60	54	61	63	65	63	55	61	54	56	53	58	55	56	46	63	66		57.9
FORT YATES	MAX																																
	MIN																																
FOXHOLM 7 N	MAX	79	82	82	86	84	82	80	85	93	96	92	92	82	75	71	85	82	83	77	82	83	75	70	75	74	73	76	87	82	78		61.4
	MIN	40	49	58	51	62	51	51	47	50	61	64	60	52	47	51	63	62	57	54	50	61	53	54	52	57	51	53	53	58	58		54.3
FULLERTON	MAX	73	85	88	84	84	83	82	89	94	100	99	102	87	79	80	85	85	84	83	85	87	81	77	79	60	76	77	89	92	81		85.0
	MIN	37	47	54	60	60	63	50	51	56	60	67	63	60	58	54	61	64	61	61	55	61	54	56	52	58	52	56	50	62	60		56.8
GACKLE	MAX	71	81	81	81	80	80	78	87	92	95	95	88	86	80	81	82	84	83	78	86	83	76	74	76	77	72	76	84	86	82		81.8
	MIN	38	51	54	60	59	59	48	57	60	63	67	67	60	59	60	61	64	63	57	61	61	51	56	51	51	52	51	53	57	58		57.0

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	66	74						80	84	92	94	95	81				85	83	84	76	85	81	68	75	77	75	77	88		84		81.1
	MIN	41	51					48	51	58	62	62	65	57				64	60	55	56	64	53	55	57	47	49	55	60		56		55.7
GRAFTON	MAX	71	82	80	80	86	85	77	88	93	95	95	90	85	83	78	81	77	82	81	82	85	83	73	71	69	74	73	77	82	80		81.3
	MIN	31	46	59	55	56	61	55	59	60	64	67	65	60	57	45	60	62	66	60	55	60	60	58	56	54	52	51	46	54	60		56.5
GRAND FORKS CAA AP	MAX	71	81	79	82	87	78	79	88	96	99	98	96	85	76	80	84	82	84	78	85	89	78	74	71	70	75	71	79	87	78		82.0
	MIN	34	47	60	58	58	58	54	57	61	65	69	68	57	59	46	60	61	61	59	65	60	60	59	55	54	54	49	45	56	59		56.9
GRAND FORKS UNIVERSITY	MAX	70	81	79	80	86	86	79	87	93	96	96	96	91	83	80	86	83	83	83	82	87	87	78	74	71	76	76	78	84	80		83.0
	MIN	35	47	62	58	58	63	50	57	62	66	69	70	59	60	47	61	61	67	61	55	61	60	60	57	56	55	51	46	57	60		57.7
GRAND RAPIDS 1 N	MAX	73	83	86	86	87	82	79	88	93	97	97	98	88	80	81	84	83	85	82	83	86	79	74	77	79	75	75	88	85	85		83.9
	MIN			54	59	60	62			53	56	62	62	57	60	53	60	62	63	65	56	61	53	55	52	57	54	55	45	57	58		57.3
GRANVILLE	MAX	72	79	80	83	83	76	77	86	91	96	91	89	86	77	72	86	83	86	75	82	81	78	70	74	74	72	75	84	81	78		80.6
	MIN	42	51	57	53	63	54	47	53	57	65	65	65	67	52	49	62	65	57	54	54	65	58	50	49	57	50	51	56	60	59		56.2
GRENORA	MAX	86	85	82	88	87	72	87	94	96	100	89	86	81	77	74	82	84	76	77	86	84	80	68	78	75	76	76	82	79	76		82.1
	MIN	45	52	54	54	64	52	42	56	60	67	60	52	53	45	53	60	51	59	54	57	50	48	55	60	51	46	45	57	54	53		53.6
HANKINSON R P STATION	MAX	56	68	83	78	84	86	84	80	86	91	95	95	98	89	81	82	80	80	82	88	85	86	80	79	77	75	75	76	79	82		82.0
	MIN	34	35	57	58	60	65	51	52	55	64	62	71	65	62	56	58	60	61	62	58	62	58	59	56	58	58	58	49	56	58		57.3
HANNAH	MAX	72	81	80	77	82	80	76	85	90	92	90	86	82	72	73	77	80			81	81	78	66	66	66	69	68	78	77	75		77.9
	MIN	39	50	56	55	58	60	48		58	64	69	60	53	48	41	57	61		56	52	54	54	53	54	51	49	46	49	52	55		53.6
HANSBORO	MAX	75	83		85	82	66	76	86	92	94	92	79	82	72	75	82	86	86			81	76		67	69	70	71	79	76	77		79.2
	MIN	38	47		53	60	57	46	54	53	64	66	60	51	50	40	52	62	51			56	54		53	53	52	50	50	54	56		53.2
HETTINGER	MAX	78	83	82	88	90	78	80	88	91	93	95	83	83	80	81	80	80	85	85	94	88	73	79	83	80	81	81	98	91	78		84.3
	MIN	41	53	52	56	63	54	43	51	57	64	63	61	56	54	50	59	54	58	49	58	61	44	52	47	59	47	49	55	51	54		53.8
HILLSBORO	MAX	71	83	81	76	85	83	73	87	92	95	97	97	93	86	82	85	80	85	83	84	86	84	80	75	74	73	75	80	84	83		83.1
	MIN	35	45	56	59	55	63		54			56	73	59	60			57	62	63	52	55	57	58	57	52	54	50	45	53	65		55.8
JAMESTOWN CAA AP	MAX	69	82	81	82	82	79	78	86	89	93	90	88	85	76	76	80	81	82	78	82	85	73	72	75	76	73	77	84	82	76		80.4
	MIN	36	48	53	60	60	57	50	54	59	62	65	61	58	55	52	60	61	62	58	53	62	54	56	55	57	53	51	48	54	56		55.7
JAMESTOWN STATE HOSP	MAX	71	83	83	86	84	84	80	89	93	95	95	89	87	85	80	83	82	84	83	85	85	83	83	79	82	77	79	85	85	84		84.1
	MIN	42	50	53	60	60	59	51	56	61	63	63	66	61	63	50	60	62	64	61	55	62	54	57	54	58	53	56	50	55	57		57.2
KENMARE	MAX	69	78	85	81	85	84	62	78	86	97	96	95	80	80	75	70	84	81	81	75	81	81	58	68	71	73	72	75	83	77		78.7
	MIN	42	53	55	51	55	51	48	51	57	68	68	53	56	45	48	49	58	55	51	55	61	53	53	50	57	48	50	55	57	57		53.7
KENSAL WILDLIFE REFUGE	MAX	71	82	83	81	83	81	78	86	92	92	89	92	85	82	76	83	85	85	82	85	88	88	75	75	80	78	77	84	88	82		82.9
	MIN	35	51	53	60	62	61	47	54	57	60	63	61	56	57	50	61	63	62	59	52	61	53	51	59	58	51	53	45	55	57		55.6
LANGDON EXP FARM	MAX	70	80	76	76	82	78	73	85	90	92	90	88	82	77	75	78	78	80	74	82	82	80	68	67	64	71	70	75	77	78		77.9
	MIN	36	48	54	56	55	59	48	56	57	64	67	62	54	51	41	56	60	60	57	51	57	56	53	54	50	49	46	46	54	56		53.8
LARIMORE	MAX	71	83	81	76	84	82	83	87	92	94	93	94	89	81	80	84	80	83	79	82	86	82	73	71	70	75	73	80	85	83		81.9
	MIN	34	44	58	59		54		54	55	63	65	70	59	59	47	59	61	67	61	57	60	57	59	58	55	54	54	43	55	59		56.4
LEEDS	MAX	75	83	81	82	82	80	76	86	91	93	89	84	87	78	75	83	87	80	74	80	84	78	71	72	72	72	74	82	82	79		80.4
	MIN	41	48	55	57	61	59	47	56	63	65	66	64	54	57	46	59	63	62	56	50	60	54	54	57	55	52	48	53	57	57		55.9
LINTON	MAX	76	88	85	89	90	78	81	88	94	98	98	92	90	82	81	85	89	85	87	92	89	72	75	78	78	72	78	93	91	79		85.1
	MIN	39	55	53	61	67	61	48	54	54	65	68	62	63	61	61	54	62	58	55	60	65	52	58	49	59	50	51	51	51	57		56.8
LISBON	MAX	71	83	87	83	84	82	79	87	91	96	96	98	93	86	79	79	81	82	82	83	85	83	78	75	75	74	74	82	83	82		83.1
	MIN	33	42	60	60	62	65	52	52	57	66	67	70	61	61	53	61	62	62	64	56	60	56	58	54	59	55	55	45	60	62		57.7
LOSTWOOD 12 N	MAX																																
	MIN																																
MADDOCK AGR SCHOOL	MAX	77	83	82	84	83	79	78	87	90	92	90	86	85	77	74	82	86	84	79	80	86	78	71	70	75	75	76	85	83	81		81.3
	MIN	35	46	53	53	60	60	58	54	60	62	65	65	57	58	47	60	64	61	63	53	61	53	56	51	53	51	52	50	56	55		55.7
MANDAN EXP STATION	MAX	63	73	80	77	85	84	72	80	85	89	94	90	81	82	75	77	85	80	84	78	85	83	71	71	76	78	74	76	93	87		80.3
	MIN	38	54	57	55	66	62	47	54	57	61	64	66	60	63	53	55	64	61	56	56	66	53	59	49	58	53	56	53	63	56		57.2
MANDAN FT LINCOLN PARK	MAX	75	83	81	86	84	83	82	87	94	96	93	91	84	78	85	87	82	85	87	85	83	74	75	77	82	80	78	97		78		83.9
	MIN	43	56	52	53	64	53	42	58	54	60	61	60	54	52		67	58	57	62	62	68	49	56	46	54	47	52	50	53	48		54.9
MARMARTH	MAX	82	88		90	88		83	92	97	99	99	86		83	87	89	85	86	96	96	92	92	83	86	84	80	85	96	92	84		88.9
	MIN	48	54		57	66		43		48	60	64	66		60	62	62	47			63	57		55	50	60	55	50	55	65	55		56.6
MAX	MAX	65	74	79	78	84	82	64	79	87	93	93	95	80	84	73	71	83	81	82	75	83	81	62	68	72	76	72	75	86	81		78.6
	MIN	40	50	54	54	62	61	45	50	60	66	62	64	58	57	49	50	61	60	55	54	63	52	52	51	56	49	50	53	59	56		55.1
MAYVILLE	MAX	70	82	80	80	85	84	78	88	90	95	95	93	85	81	80	84	79	84	79	81	81	80	76	74	74	71	71	80	79	76		81.2
	MIN	36	46	61	60	60	65	56	57	61	61	67	71	60	58	48	56	60	66	64	55	61	59	59	58	54	56	53	45	55	60		57.6
MC CLUSKY	MAX	74	82	75	85	83	76	79	90	92	95	92	89	85	80	74	82	83	84	78	84	84	72	70	75	76	73	75	90	86	81		81.5
	MIN	40	51	55	55	67	53	45	54	59	64	61	62	77	57	48	62	62	60	55	53	62	50	54	50	55	58	50	58	59	54		56.3
MC HENRY 5 N	MAX	71	85	84	80	84	78	76	86	90	92	90	83	82	75	77	83	82	83	75	82	84	72	71	70	75	71	72	80	80	78		79.7
	MIN	34	45	54	56	58	59	45	53	60	59	63	58	57	57	46	58	61	62	58	51	59	52	56	53	53	50	49	47	55	55		54.1
MC LEOD 3 E	MAX	70	84	81	85	86	85	80	89	92	97	98	100	95	81	81	83	81	82	83	83	85	80	79	75	75	76	79	78	84	82		83.6
	MIN	35	48	62	59	60	65	55	53	60	60	70	67	63	61	53	60	60	63	64	55	63	57	61	58	56	57	55	46	59	60		58.2
MC VILLE	MAX	71	83	85	84	84	80	75	86	91	92	91	85	83	82	78	82	82	82	79	81	83	78	71	70	73	73	72	82	82	78		80.6
	MIN	32		55	57	59	61	50	53	60	61	64	61	58	59	47	59	61	64	59	55	59	54	58	56	53	52	50	43	55	58		55.6
MEDORA 3 NNE	MAX	85	84		89	88	82	84	93	97	100	100	95	86	82	83	89	88	86	91	96	94	65	77	86	83	79	83	95	92	89		87.6
	MIN	48	52		46	65	59	36	40			55	53	53		54			59	45		60	51		42	59	45	42	59	65	54		51.9
MINOT CAA AP	MAX	75	83	75	84	84	62	78	88	95	99	93	81	85	77	71	83	82	85	75	82	81	58	69	73	75	72	80	85	80	78		79.6
	MIN	42	53	57	50	62	48	50	54	61	71	69	60	58	53	48	63	65	56	54	54	56	52	54	50	55	52	54	55	57	56		55.6
MINOT EXP STATION	MAX	67	74	82	78	86	84	60	77	87	92	95	92	80	83	76	73	85	82	83	75	82	82	60	69	74	75	72	76	85	80		78.9
	MIN	46	53	55	51	62	53	51	52	55	66	68	62	57	54	48	51	63	56	53	53	61	53	54	49	55	49	51	56	59	58		55.1
MOFFIT 4 SE	MAX	74	83	80	85	84	84	79	87	94	95	92	92	63	80	80	82	85	84	82	82	84	74	77	74	78	75	74	90	85	82		82.7
	MIN	37	57	52	55	63	59	44	50	59		63			63	53	65	64	68	55	55	64	57	52	47	58	50	54	51	58	57		55.9
MOHALL	MAX	78	87	82	87	85	87	80	86	93	95	94	88	81	74	72	85	82	83	76	81	82	75	69	72	73	73	76	83	80	86		81.5
	MIN	37	48	58	51	63	51	47	53	60	60	59	56	59	49	48	61	60	55	53	53	62	53	52	50	55	49	51	55	52	51		53.7
MOTT	MAX	77	82	83	85	85	70	81	85	91	94	92	82	83	77	78	80	81	87	84	89	86	76	76	83	80	79	82	98	91	78		83.2
	MIN	40	49	50	51	63	56	40	45	55	57	61	59	55	59	50	59	59	59	48	53	59	47	55	41	59	45	43	51	58	54		52.7
MUNICH 4 S	MAX	69	80	76	75	81	75	81	83	87	89	87	87	81	70	70	79	79	81	75	73	76	75	66	66	62	65	69	75	75	74		76.1
	MIN	34	44	50	54	54	51	50		53	60	63	58	50	49	41	53	57	57	53	48	55	50	49	50	48	45	42	44	50	52		50.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	74	85	83	84	85	83	78	88	94	97	97	92	87	85	79	83	88	84	81	85	82	73	72	75	78	74	77	91	88	84		83.5
	MIN	38	52	51	59	58	58	48	58	58	67	70	62	59	56	54	64	65	57	60	56	60	51	57	55	59	51	55	52	52	56		56.6
NEW ENGLAND	MAX	79	83	80	87	88	76	84	90	93	97	96	83	83	79	79	81	82	87	86	91	80	69	76	82	80	76	81	96	91	80		83.8
	MIN	39	50	52	52	60	55	40	43	51	58	58	61	55	58	50	60	52	56	47	56	47	47	55	44	58	49	47	52	56	52		52.0
NEW SALEM 1 S	MAX	74	80	78	85	92	85	82	88	90	98	94	86	83	82	78	85	81	87	81	88	86	69	72	78	80	76	78	96	88	77		83.2
	MIN	38						43				66	53	56	50	45	64	60	58	51	56	56	56	47	47		49	52	49	60	53		52.8
NEWTOWN	MAX	80	85	82	85	86	68	82	89	94	96	96	95	86	81	75	83	84	82	79	85	84	74	70	75	77	73	77	87	83	81		82.5
	MIN	41	50	56	52	62	52	39	46	53	65	63	61	57	57	50	65	57	55	55	55	67	51	53	47	57	48	49	54	59	60		54.5
OAKES	MAX	58	69	83	86	84	84	81	76	86	92	98	96	100	84	78	79	85	83	81	82	82	86	78	76	76	77	74	76	86	87		82.1
	MIN	33	49	57	62	62	63	53	54	56	61	71	68	63	60	55	56	61	66	63	57	63	55	56	54	58	55	57	50	63	62		58.1
PARK RIVER	MAX	72	82	82	77	85	83	75	88	92	94	93	90	85	85	80	81	81	83	82	83	87	85	75	74	73	74	72	77	83	82		81.8
	MIN	36	45	54	57	55	62	55	60	61	67	66	65	60	57	44	59	62	65	60	57	58	59	59	57	53	54	54	49	54	60		56.8
PARSHALL	MAX	77	83	81	86	85	67	80	87	93	95	93	93	84	78	75	86	81	84	76	84	82	70	70	75	75	74	76	85	84	79		81.3
	MIN	41	50	50	52	62	52	41	47	53	64	64	61	54	56	51	55	57	59	51	55	65	51	53	47	57	44	46	55	58	57		53.6
PEMBINA 2 N	MAX	67	78	80	83	86	86	76		92	92	94	94	88	86	76	82	84	84	83	86	91	91	76	76	76	74	76	75	83	83		82.7
	MIN	35	44	54	54	57	53	58	58	58	62	61	65	54	55	49	59	62	57	59	58	60	55	62	58	48		56	51		65		56.0
PETERSBURG	MAX	71	82	80	77	81	78	79	86	90	91	90	86	85	81	77	81	77	81	78	80	81	85	75	72	70	72	74	74	78	82		79.8
	MIN	36	48	54	58	56	60	51	55	61	65	68	63	57	56	45		60	63	57	59	61	52	56	54	55	54	55	54	47	54		55.7
PETTIBONE	MAX	71	80	79	82	80	77	76		91	90	91	91	82	75	81	77	84	81	80	80	82	76	70	72	76	73	73	87	88	82		80.2
	MIN	37	51	54	58	60	59	45	53		63	66	62	59	62	50	49	64	60	57	52	60	50	55	52	56	49	52	50	58	55		55.1
PORTAL	MAX	71	81	82	82	85	87	67	79	83	95	97	89	79	81	74	73	85	80	78	77	82	81	60	68	70	71	71	76	79	85		78.9
	MIN	44	51	55	51	61	52	45	50	57	66	64	53	57	46	47	53	54	55	52	55	61	51	53	49	56	46	42	61	56	61		53.5
POWERS LAKE 1 N	MAX				83	87	78	86	87	95	97	94	84	80	74	69	83	81	79	74	80	79	65	67	70	72	70	80	81	76	73		79.4
	MIN				49	62	50	35	49	48	66	59	52	50	49	58	63	52	50	49	54	64	50	52	50	54	45	45	48	56	57		52.4
RAUB 10 SSW	MAX	78	84	82	86								95	87	80	77	87	90	87	77	85	83	74	72	75	77	75	77	89	82	86		82.0
	MIN	44	51	50	53								62	55	57	52	52		59	55	57	68	52	54	48	59	48	49	55	60	58		54.5
RICHARDTON ABBEY	MAX	77	81	80	85	84	68	82	90	92	96	95	91	84	80	75	83	83	85	84	90	87	67	72	79	80	76	79	96	88	82		83.0
	MIN	41	52	53	58	62	51	44	52	57	64	63	60	58	57	49	64	57	61	51	57	53	49	54	48	57	51	51	54	61	55		54.8
RIVERDALE	MAX	65	75	80	77	84	81	62	79	85	89	92	89	80	85	76	73	83	81	82	77	81	80	64	67	73	74	71	76	86	80		78.2
	MIN	46	53	58	55	64	60	43	53	60	64	64	64	58	57	49	50	63	61	55	56	64	52	54	49	54	53	54	53	60	55		56.0
ROLLA	MAX	73	82	83	80	82	65	75	85	92	93	93	86	80	73	71	80	82	84	79	79	81	75	67	66	67	70	70	80	79	74		78.2
	MIN	40	47	54	54	58	57	49	52	57	66	66	63	56	51	42	57	60	56	56	52	58	54	53	54	53	52	52	52	52	56		54.3
RUGBY	MAX	75	83	82	84	84	82	78	88	93	96	93	88	85	81	75	84	86	86	80	81	83	80	70	73	72	74	75	87	87	81		82.2
	MIN	42	52	56	56	62	59	47	56	61	66	67	66	58	58	55	60	67	62	57	54	62	56	54	53	56	51	52	55	60	58		57.3
SAN HAVEN	MAX	72	81	80	80	79	78	76	86	94	94	94	87	82	78	71	81	85	85	74	78	76	76	67	68	69	70	72	81	79	76		79.0
	MIN	41	52	57	57	60	56	47	51	58	67	67	64	57	54	47	60	63	62	54	53	63	53	52	54	54	52	52	54	58	57		55.9
SHARON	MAX	68	82	83	76	82	79	74	83	89	91	90	88	84	80	77	82	78	81	77	82	84	79	70	71	71	70	77	77	81	77		79.4
	MIN	35	47	54	57	57	60	50	55	69	65	69	64	60	59	47	59	64	65	60	54	59	54	57	55	54	52	50	46	55	57		56.3
STANLEY	MAX	78	85	80	84	85	66	79	86	97	98	92	84	81	75	69	82	82	78	74	82	80	73	68	70	74	70	75	84	80	75		79.5
	MIN	37	46	50	50	60	50	40	45	52	63	59	55	52	56	47	62	53	55	49	50	63	48	50	45	50	45	47	50	55	55		51.3
STEELE	MAX	74	83	82	85	83	82	80	87	93	96	94	90	86	80	77	83	85	84	81	83	85	72	73	76	79	73	76	90	87	82		82.7
	MIN	38	53	55	56	63	58	46	54	67	63	61	64	57	59	51	62	63	57	56	52	62	49	56	49	57	47	55	51	56	54		55.7
TIOGA 1 E	MAX	71	81	88	82	85	88	70	82	89	97	100	95	82	83	75	71	87	82	75	76	82	79	57	67	71	74	71	75	85	78		79.9
	MIN	41	51	55	50	62	50	38	41	50	65	63	54	50	49	48	48	48	48	50	55	64	48	48	53	47	43	45	54	55	55		50.9
TOWNER	MAX	77	83	82	87	84	78	79	89	94	97	94	85	87	77	87	87	82	87	81	82	83	73	70	74	75	77	75	87	82	78		82.4
	MIN	38	43	47	50	60	53	44	43	54	58	62	57	56	45	55	54	57	62	52	49	51	47	48	55	54	45	50	50	55	54		51.6
TURTLE LAKE	MAX																																
	MIN																																
UNDERWOOD	MAX	65	75	81	76	87	81	65	80	87	92	94	97	81	84	75	84	80	84	77	78	83	81	67	77	76	75	72	76	89	85		80.1
	MIN	37	44	52	50	62	58	44	49	57	62	61	61	55	55	46	50	57	52	52	54	61	50	52	47	47	49	49	50	57	54		52.5
UPHAM 3 N	MAX	79	86	82	86	89	82	82	92	96	100	97	91	90	79	74		88	87	77	82	79	76	71	72	71	76	76	84	80	80		82.9
	MIN	38	50	53	53	63	54	42	47	56	65	65	62	56	51	49		62	59	51	52	62	53	52	52	58	48	49	53	59	57		54.2
VALLEY CITY	MAX	71	85	87	82	84	83	79	88	92	95	97	95	88	86	80	85	82	83	82	86	85	82	78	75	77	76	75	84	83	82		83.6
	MIN	33	47	56	61	60	63	52	60	56	58	67	65	63	65	55	63	62	63	62	51	61	55	65	55	57	54	55	46	56	61		57.6
VELVA	MAX	75	81	77	85	84	79	78	86	91	94	92	90	83	80	74	83	84	84	75	82	81	76	70	73	74	73	75	85	85	80		81.0
	MIN	40	54	58	51	64	53	49	52	55	65	70	61	55	55	55	63	66	53	57	54	63	55	56	51	57	51	52	53	60	58		56.2
WAHPETON STATE SCHOOL	MAX	69	82	81	85	86	85	81	86	92	96	95	99	98	85	85	85	84	82	88	87	88	83	80	78	76	77	79	79	82	84		84.6
	MIN	34	47	52	58	59	62		62	56	58	65	68	61	62	55	60	67	67	65	53	62	56	59	53	57	55	52	46	57	56		57.4
WASHBURN	MAX	73	80	77	85	79	77	80	89	90	93	92	92	84	79	83	83	82	84	80	85	82	75	72	77	78	75	78	94	87	78		82.1
	MIN	40	53	55	53	65	54	44	53	57	60	68	62	56	50	50	63	62	58	53	53	64	52	51	47	56	48	51	54	59	55		54.9
WATFORD CITY	MAX	84	83	84	89	88	76	83	91	100	102	95	84	87	80	75	87	84	76	81	90	82	62	68	78	75	75	78	88	85	77		82.9
	MIN	46	53	56	59	65	61	45	46	52	63	63	59	59	55	53	67	66	61	53	66	61	50	56	49	58	47	49	61	59	60		56.6
WATFORD CITY 14 S	MAX	85	85	85	91	90	85	86	93	100	103	98	96	88	85	79	89	87	85	81	92	91	74	69	80	79	77		88	86	84		86.6
	MIN	50	50	56	52	66	54	38	45	50	71	67	56	61	56	54	65	59	58	54	60	66	49	58	48	48	48	48		62	59		55.4
WESTHOPE	MAX	70	87	80	85	87	78	79	86	95	98	97	90	81	75	74	85	85	85	77	80	81	60	70	71	72	72	78	83	77	78		80.5
	MIN	49	52	51		62	48	45	48	54	64	66	56	57	48	46	60	65	53	52	53	57	52	52	51	56	48	48	51	57	56		53.7
WILLISTON WB CITY	MAX	85	83	81	87	83	67	82	89	99	99	92	84	83	77	71	87	81	69	79	88	77	58	71	75	75	74	78	86	82	74		80.5
	MIN	51	56	58	55	59	51	46	46	59	78	67	58	60	55	55	66	57	56	53	60	54	49	56	55	55	49	51	62	60	56		56.4
WILLOW CITY	MAX	76	84	83	85	85	68	79	88	95	97	95	85		76	70	83	88	84	76	79	79	73	70	71	73		76	85	78	80		80.8
	MIN	39	49	55	52	63	57	44	48	54	62	64	64	54	54	46	61	66	54	54	51	59	54	54	52	56		51	54	58	58		54.7
WILTON	MAX	76	78	76	85	85	67	78	88	92	95	92	88	83	78	88	85	84	84	78	84	81	68	68		75	72	76	93	93	86		81.9
	MIN	40	50	52	55	55	55	56	52																								
WISHEK	MAX	71	83	82	81	82	81	77	85	91	95	95	92	85	82	77	82	85	83	82	82	81	76	75	74	77	73	75	92	91	83		82.3
	MIN	36	48	55	57	62	60	47	53	56	60	64	60	59	60	55	64	65	57	58	55	60	50	51	50	57	50	54	48	61	56		55.6

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1955–56

NORTH DAKOTA

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY–JUNE
ALMONT 7 SW		11	4	236	458	1455	1697	1694	1480	1165	810	312	25	9347	
AMENIA		5	6	219	489	1367	1840	1799	1694	1387	861	312	13	9992	
AMIDON	AM	14	15	255	492	1453	1638	1634	1451	1117	846	404	31	9350	
ARVILLA STATE PARK		9	7	265	553	1435	1931	1897	1768	1496			37		
ASHLEY		11	16	253	522	1457	1770	1753	1658	1285	874	347	25	9971	
BEACH	AM	19	18	280	526	1450	1617	1626	1436	1110	857	361	39	9339	
BELCOURT INDIAN RES		42	51	399	679	1559	1976	1900	1753	1505	992	425	55	11336	
BELFIELD		22	21	302	554	1474	1654	1685	1416	1133	859	377	28	9525	
BEULAH	AM	28	34	372	644	1601	1910	1906	1743	1388	949	445	66	11086	
BISBEE		18	16	332	619	1539	1983	1910	1781	1536	990	409	37	11170	
BISMARCK WB AP		9	7	252	501	1494	1820	1867	1618	1281	819	308	13	9989	9033
BOTTINEAU	AM	32	42	347	603	1586	2005	1927	1831	1493	939	414	53	11272	
BOWBELLS		44	38	350	611	1654	1925	1895	1625	1371	891	396	66	10866	
BOWMAN COURT HOUSE		11	10	240	494	1409	1576	1565	1347	1044	824	357	13	8890	
BUTTE	AM	25	18	295	549	1558	1883	1874	1637						
CARRINGTON	AM	15	27	336	554	1501	1951	1856	1708	1449	954	409	40	10800	
CARSON NO 2	AM	14	9	265	482	1453	1612	1746			853	334	31		
CAVALIER		10	5	278	565	1447	1976	1902	1728	1489	965	388	25	10778	
CENTER		11	15	300	577	1493	1808	1786	1541	1283	855	337	38	10044	
COOPERSTOWN		5	9	259	525	1437	1876	1826	1691	1455	910	348	19	10360	
CROSBY		39			547	1579	1878	1884	1621	1340	863	366	32		
DEVILS LAKE WB CITY		14	20	325	591	1520	1955	1936	1739	1527	1000	406	31	11064	9940
DICKINSON CAA AP		17	11	277	513	1472	1675	1674	1431	1127	851	359	22	9429	
DICKINSON EXP STATION	AM	25	10	260	519	1453	1727	1694	1487	1141	845	370	33	9564	
DRAKE	AM	15	15	292	524	1558	1939	1877	1726	1449	904	368	39	10706	
DUNN CENTER 2 SW	AM	23	20	292	550	1530	1810	1768	1579	1224	850	368	38	10052	
ECKMAN 2 SE	AM	31	18	371	625	1660	2034	2015	1819	1518	949	435	56	11531	
EDGELEY EXP FARM	AM	5	16	244	508	1405	1790	1753	1658	1276	880	358	29	9922	
EDMORE 1 W		21	31	368	660	1547	1987	1945	1796	1585	1041	418	36	11435	
ELLENDALE		6	7	198	465	1347	1754	1675	1585	1230	810	283	14	9374	
ENDERLIN	AM	4	7	233	511	1394	1867	1780	1741	1397	886	357	31	10208	
FAIRFIELD		28	5	275	518	1488	1710	1777	1478	1173	855	373	31	9711	
FARGO WB AP		3	10	231	534	1376	1845	1826	1714	1406	895	361	13	10214	9274
FESSENDEN		13	19	270	549	1492	1886	1825	1678	1421	870	331	20	10374	
FORMAN		5	7	209	475	1335	1774	1727	1635	1270	826	280	14	9557	
FORT YATES		0	6	192	420	1337	1697	1666	1516	1126	777				
FOXHOLM 7 N		21	12	293	517	1521	1861	1885	1577	1340	877	329	21	10254	
FULLERTON		6	12	222	471	1351	1794	1709	1602	1274	817	278	11	9547	
GACKLE		11	13	270	509	1435	1812	1771	1617	1317	866	326	19	9966	
GARRISON	AM	17	13	312	561	1533	1882	1826	1655	1332	862	365	31	10389	
GRAFTON		10		253	531	1436	1949	1897	1761	1520	953	357	30		
GRAND FORKS CAA AP		7	13	300	591	1447	1932	1931	1825	1527	970	396	28	10967	
GRAND FORKS UNIVERSITY		8	11	264	556	1428	1920	1878	1788	1502	954	361	19	10689	
GRAND RAPIDS 1 N		3	18	242	512	1384	1808	1747	1638	1305	841	283	0	9781	
GRANVILLE		23	13	293	554	1503		1867	1618	1366	888	331	29		
GRENORA		32	20	299	503	1554	1804	1816	1554	1221	851	374	22	10050	
HANKINSON R R STATION	AM	3	6	247	527	1327	1828	1774	1627	1370	896	343	35	9983	
HANNAH		33	41	371	665	1568	2013	1993		1605	1112	441	62		
HANSBORO		27	32	352	623	1561	1977	1930	1757	1531	1004	409	50	11253	
HETTINGER		12	20	252	514	1396	1601	1616	1386	1060	829	319	15	9020	
HILLSBORO		4	4	221	514	1374	1863	1815	1724	1422	902	339	24	10206	
JAMESTOWN CAA AP		10	20	299	540	1466	1841	1817	1677	1387	910	379	19	10365	
JAMESTOWN STATE HOSP		9	9	238	504	1409	1790	1759	1628	1321	859	306	8	9840	
KENMARE	AM	35	29	325	579	1593	1904	1889	1664	1385	914	414	53	10784	
KENSAL WILDLIFE REFUGE		9	13	254	524	1434	1830	1768	1628	1349	861	336	18	10024	
LANGDON EXP FARM		21	24	336	617	1530	2016	1953	1857	1600	1087	456	57	11554	
LARIMORE		9	9	250	548	1432	1891	1842	1715	1467	944	353	21	10481	
LEEDS		15	27	305	605	1552	1990	1972	1762	1499	944	362	24	11057	
LINTON		7	9	194	505	1410	1766	1749	1630	1219	783	273	15	9560	
LISBON		3	10	270	504	1360	1815	1718	1687	1298	851	319	16	9851	
LOSTWOOD 12 N		51	27	394	605	1619	1903	1896	1638	1386	946				
MADDOCK AGR SCHOOL		14	17	301	596	1516	1937	1892	1722	1492	919	341	22	10769	
MANDAN EXP STATION	AM	11	14	259	496	1499	1852	1830	1633	1250	832	319	26	10021	
MANDAN FT LINCOLN PARK		11	11	248	495	1462	1765	1783	1552	1256	803	296	19	9701	
MARMARTH		9	8	258	495	1413	1505	1526		1006	748	306	3		
MAX	AM	20	16	294	579	1569	1917	1843	1696	1397	896	389	54	10670	
MAYVILLE		5	9	238	511	1397	1851	1842	1735	1451	902	356	21	10318	
MC CLUSKY		12	13		555	1502	1911	1837	1618	1384	859	324	26		
MC HENRY 5 N		14	22	295	569	1475	1916	1869	1732	1475	999	381	36	10783	
MC LEOD 3 E		2		211	482	1397	1829	1749	1686	1347	843	314	15		
MC VILLE									1741	1505	972	420	30		
MEDORA 3 NNE		14	10	280	525	1404	1609	1639	1382	1029	819	317	25	9053	
MINOT CAA AP		28	13	335	557	1560	1892	1874	1601	1349	892	367	41	10509	
MINOT EXP STATION	AM	27	19	311	549	1559	1941	1884	1690	1391	899	388	45	10703	
MOFFIT 4 SE		14	17	239	540	1462	1776	1785	1629	1298	865	306	21	9952	
MOHALL		23	13	289	525	1550	1915	1895	1610	1347	880	338	31	10416	
MOTT		13	19	283	542	1423	1664	1646	1432	1068	839	349	24	9302	
MUNICH 4 SW		37	60	431	715	1618	2082	2026	1933	1677	1163	514	95	12351	
NAPOLEON		9	14	271	535	1442		1778	1636	1310	838		16		
NEW ENGLAND		14	16	281	533	1409	1626	1622	1400	1068	844	350	22	9185	
NEW SALEM 1 S		14	12	271	493	1479	1786	1759	1533	1226	816	351	36	9776	
NEWTOWN		20	12	272	521	1517	1804	1830	1540	1249	820	340	30	9955	
OAKES	AM	2	9	231	548	1390	1866	1769	1730	1371	876	335	27	10154	
PARK RIVER		9	5	264	522	1430	1905	1863	1695	1466	960	360	22	10501	
PARSHALL		22	16	276	580	1547	1826	1842	1594	1300	845	347	39	10234	
PEMBINA 2 N		3	19	286	589	1407	1955	1938	1854	1520	973	406	28	10978	
PETERSBURG		16	6	329	573	1484	1955	1882	1774	1560	1017	404	25	11025	
PETTIBONE		10	19	253	545	1515	1927	1818	1713		900	361	32		
PORTAL	AM	42	35	378	583	1628	1974	1977	1745	1439	916	406	53	11176	
POWERS LAKE 1 N		42	25	327	640	1653	1928	1942	1695	1427	939		44		
RAUB 10 SSW		14	6	263	467	1446	1742	1753	1517	1238	824	325	22	9617	
RICHARDTON ABBEY		10	7	236	473	1441	1666	1662	1426	1104	793	306	27	9151	
RIVERDALE	AM	21	11	276	509	1498	1856	1822	1644	1339	879	382	44	10281	
ROLLA		39	26	349	630	1535	1966	1906	1724	1514	983	422	49	11143	
RUGBY		14	13	287	548	1513	1933	1881	1690	1433	889	329	17	10547	

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1955–56

NORTH DAKOTA

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY–JUNE
SAN HAVEN		22	24	330	575	1522	1910	1865	1686	1448	946	407	37	10772	
SHARON		12	10	288	548	1466	1911	1858	1715	1481	961	381	32	10663	
STANLEY		32	20	332	602	1621	1928	1897	1671	1396	916	413	60	10888	
STEELE		8	20	279	529	1509	1841	1793	1638	1363	833	315	23	10151	
TIOGA 1 E	AM	49	35	344	618	1646	1952	1906	1727	1425	906	427	70	11105	
TOWNER		8	23	324	572	1505	1939	1931	1730	1432	854	350	33	10701	
TURTLE LAKE		10	12	253	516	1530	1870	1824	1623	1367	828				
UNDERWOOD	AM	18	17	293	550	1521	1886	1832	1662	1337	907	408	55	10486	
UPHAM 3 N		18	18	293	585	1541	1912	1873	1687	1415	852	312	25	10531	
VALLEY CITY		4	11	235	478	1365	1800	1747	1621	1315	847	310	13	9746	
VELVA		18	19	296	538	1511	1836	1828	1592	1307	831	320	17	10113	
WAHPETON STATE SCHOOL		0	8	180	457	1283	1784	1739	1634	1299	796	296	16	9492	
WASHBURN		11	14	283	517	1471	1804	1799	1539	1240	808	300	21	9807	
WATFORD CITY		22	9	255	477	1448	1724	1727	1464	1174	808	334	20	9462	
WATFORD CITY 14 S		20	13	214	461	1398	1627	1651	1399	1138	751	280	12	8964	
WESTHOPE		26	22	345	641	1587	1967	1967	1750	1496	908	374	44	11127	
WILLISTON WB CITY		26	11	279	518	1497	1778	1800	1516	1194	815	338	26	9798	9068
WILLOW CITY		26	31	369	651	1564	1999	1963	1787	1509	905	371	29	11204	
WILTON		14	20	287	556	1522	1867								
WISHEK		8	17	251	550		1804			1302	850	344	24		

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
JUNE 1956

Station		Day of month																														Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP	.20	.25	.26	.26	.24	–	.20	.20	.21	.26	.24	.24	.09	.32	.22	.21	.15	.22	.24	.23	.21	.29	.15	.15	.09	.20	.36	.44	.41	–		7.018
	WIND	43	61	47	53	34	96	56	33	17	21	31	27	22	27	46	88	55	39	54	29	48	124	109	42	34	61	62	37	39	31		1466
DICKINSON EXP STATION (A)	EVAP	–	.23	*	.25	.23	.18	.23	.17	.20	.29	.30	.25	.35	.24	.40	.04	.33	.23	.27	.25	.40	.35	.10	.21	.28	.25	.29	.35	.36	.37		7.668
	WIND	70	190	80	60	160	130	80	85	60	95	90	75	115	110	200	270	190	70	140	110	220	190	220	140	130	160	100	120	160	110		3930
EDGELEY EXP FARM	EVAP	.20	.21	.21	.19	.25	.17	.18	.27	.31	.31	.40	.41	.38	.29	.37	.24	.17	.13	.23	.36	.31	.31	.35	.31	.27	.15	.27	.23	.42	.22		8.12
	WIND	109	41	71	31	75	85	52	49	34	26	47	88	66	76	96	113	61	40	50	60	45	113	119	85	138	160	195	282	199	124		2730
MANDAN EXP STATION (A)	EVAP	.14	.22	.11	.16	.19	.31	.11	.18	.13	.14	.29	.18	.31	.22	.34	.13	.16	.18	.24	.23	.31	.25	.24	.16	.19	.17	.27	.24	.25	.44		6.49
	WIND	96	160	57	45	145	148	82	71	24	21	82	65	146	81	170	248	145	73	115	88	171	140	193	126	154	96	103	94	119	139		3397
RIVERDALE	EVAP	.37	.27	.23	.27	.43	.47	.24	.28	.17	.44	.28	.27	.40	.29	.41	.17	.34	.37	–	.24	.34	.24	.20	.06	.24	.34	.29	.29	.32	.27		8.828
	WIND	72	197	78	70	163	129	78	77	48	62	119	79	119	68	173	262	180	51	114	69	171	137	203	94	139	74	70	69	103	94		3362

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
DELAYED DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DECEMBER 1955																							
MIDDLE DIVISION CARSON NO. 2	17.1	- 0.7	8.2	- 8.4	45	24	-25	19	1758	0	27	31	17	0.87	0.39	0.50	2		8	5+	3	1	0
FEBRUARY 1956																							
WESTERN DIVISION BELFIELD	29.0	3.0	16.0		49	29	-20	16	1416	0	15	29	13	0.22		0.08	13		4	1+	0	0	0

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DECEMBER 1955 CARSON NO. 2	.87		.50			.25						.12				T	T	T														
FEBRUARY 1956 BELFIELD	.22													.08	.04	.02		.02	.04	T		.02										

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DECEMBER 1955 CARSON NO. 2	MAX	20	30	15	9	10	23	30	9	2	5	5	18	31	7	2	12	12		- 7	- 1	12	32	38	45	15	39	42	5	16	22	32	17.1
	MIN	5	8	8	- 3	0	7	- 2	-11	-15	- 5	- 6	2	5	-12	-10	- 5	- 6	-19	-25	- 8	- 1	7	30	6	8	8	- 2	- 5	2	7	12	- 0.7
FEBRUARY 1956 BELFIELD	MAX	9	26	32	40	41	40	35	36	38	39	34	43	30	12	11	1	17	22	34	21	16	20	41	28	35	21	32	38	49			29.0
	MIN	-15	1	10	8	10	15	21	22	19	13	17	13	- 1	- 9	- 1	-20	-13	- 5	-10	- 6	- 2	6	9	5	- 5	- 7	-11	4	18			3.0

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
APRIL 1956 DICKINSON EXP STATION	EVAP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.14	.17	.15	.08	.05	*	.17	.08	.04		–
	WIND	100	120	140	120	80	200	150	90	50	75	125	55	135	170	140	120	60	55	55	45	55	140	75	85	155	50	165	60	130	115		3115
MAY 1956 DICKINSON EXP STATION	EVAP	*	*	.14	.00	.08	.02	.04	.15	.12	.24	.09	.19	*	*	.39	.13	.28	.41	.25	.21	.04	.25	.21	.31	.16	.20	.23	.04	.19	.07	.15	4.59
	WIND	175	55	115	100	130	80	60	230	130	195	135	130	110	100	150	70	220	60	100	150	140	120	65	205	170	90	*	*	*	540	130	3955

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John S. Sanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. S. Hendrickson	C
Burt 16 W	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	48 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Wess	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Leo J. Braun	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	10P	10P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	48 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 48	99 55	1595		6P	Stephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	8P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	88 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 28	102 33	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	87 38	1134	5P	5P	Nels S. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	87 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	William S. Rugh	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1804	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	[illegible] Field Sta.	2 3 5 8 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. S. Schafer	2 3 5
Mayville	5660	Traill	10	47 30	97 18	975	6P	8P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	8P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McHenry 5 W	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Slasky	2 3 5 7
McLeod 3 N	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Ranson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Alvin H. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 18	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. S. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Knute Sondrol	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 W	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Victor Burton	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3

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‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, Asheville, N. C. -- 8-1-56 -- 880

CORRECTIONS

November 1955: New England, Table 2, lowest and date should be missing, days min 32° or below 29, and days min 0° or below 14.

December 1955: Eckman 2 SE, Table 2, temperature departure should be -10.9.

Langdon Experiment Farm, Table 2, temperature departure should be -8.9.

January 1956: Devils Lake WB City, Table 2, precipitation departure should be +0.95.

Sherwood 3 N, Table 3, precipitation on 27th should be .08 and total .36.

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UNNT
vol. 65
No. 7

~~Nat. Hist.~~

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

JULY 1956
Volume LXV No. 7

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ASHEVILLE: 1956

~~NAT. HIST.~~

WEATHER SUMMARY

The cool weather during July was favorable for crop growth. The generous rains over many west central and southwestern counties improved the fall range feed prospects in those areas.

Cool comfortable temperatures prevailed during most of July. Daily minimum temperatures were mostly in the 50's and maximums were mostly in the 70's and 80's. The warmest days over most eastern and extreme northern counties were the 11th, 14th, and 15th. Monthly maximums over those parts of the State were mostly in the upper 80's. Temperatures reached 90° or higher on one or more days over most central and western counties. Most stations in those counties registered their highest temperatures on the 25th or 26th. The highest temperature for the State, 101°, occurred at Medora 3 NNE on the 25th. Monthly minimum temperatures were in the lower 40's at most northern stations and in the upper 40's at most central and southern stations. The coldest temperature for the month, 38°, occurred at Belcourt Indian Reservation on the 27th. Monthly mean temperatures ranged from 61.1° at Munich 4 SW to 68.8° at Ellendale and Fort Yates. Monthly mean temperatures were below the long-term means at all stations. Temperature departures were mostly less than -4.0° over the north central and western counties but exceeded -4.0° over the central, south central, and eastern counties. The greatest departure was -6.2° at Mott.

Light rains fell over the southwest and moderate to heavy rains over most of the rest of the State during the first week. The most generous amounts fell on the 3d. Light widely scattered showers fell over parts of the State during the next two weeks. Some heavy showers fell at some eastern stations on the 17th, 18th, and 20th. Light scattered showers occurred frequently from the 25th to 30th. Monthly totals ranged from 1.02 inches at Grand Forks Airport to 8.35 inches at Washburn. Monthly totals exceeded three inches over a few northeastern counties, and most southern, central, and western counties. A few stations in west central North Dakota, and a few in the southwest received more than five inches. At the other extreme, several stations in the far northwest, several near Grand Forks, and a few stations scattered elsewhere received less than two inches of rain during the month. Most stations over the northeastern fourth of the State received less rainfall than their long-term means for July. Rainfall at Grand Forks University was less than half the long-term mean for that station. Many southern and west central stations received more than 150% of their long-term means. Washburn received more than three times the long-term mean for that station.

The weather during July was very favorable for crop growth. The heavy rains over the southwest improved the outlook for what grains were still left but the most important benefit in that section was to grass, hay, and forage feeds. The soil moisture was adequate in most sections. More rains were needed in a few western and southeastern counties. The temperatures were favorable for small grains and for flax. Row crops, especially corn, made excellent progress. Harvest of winter rye, early barley, and oats was under way in the south by the end of the month. Yields were poor to fair over the southwest but mostly good elsewhere. Showers near the end of the month delayed the harvest. Grasshoppers damaged some late crops. Rust infestation was light with no spore damage reported. Pastures improved early in July and continued good. Wheat was beginning to ripen and harvest of wheat was expected to begin soon. The second crop of alfalfa was about ready for cutting.

Lucius W. Dye, Climatologist
Weather Records Processing Center
U. S. Weather Bureau
Kansas City, Missouri

SEVERE STORMS

There were fewer severe storms during July 1956 than during the average July. By far, the greatest damage was by hail. Hailstorms, some of them causing 100% crop damage, occurred in all sections of the State. The most widespread hailstorm occurred on the 18th, with greatest damage in the northeastern counties. The total damage for the month was about equal to an average July. Windstorm damage was slight, but there was some wind damage during the wind and hail storm in southern Stutsman County on July 4th, when windows were blown in, shingles torn off, and some birds and rabbits in the area killed. A house trailer was blown off the road by high wind near Dickinson on July 12th, but there were no injuries. Damage by wind also occurred on July 18th, mostly in northeast North Dakota.

Tornado funnel clouds were observed on the 3rd, 7th, 12th, and 18th. Six funnel clouds were reported on the 18th. Only a few of these funnel clouds touched the ground and property damage was slight, probably less than $2,000. There were no deaths or injuries due to the tornadoes.

F. J. Bavendick
State Climatologist
U. S. Weather Bureau
Bismarck, North Dakota

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
BISMARCK WB AIRPORT	WNW	12	9.5	42	N	26	86	87	55	55	3	7	4	3	0	0	17	68	5.8
DEVILS LAKE WB CITY	-	-	6.3	22	S	1	-	-	-	-	4	7	3	0	1	0	15	71	5.7
FARGO WB AIRPORT	N	15	10.5	49	W	17	85	90	58	54	1	6	4	0	2	0	13	44	6.1
WILLISTON WB CITY	-	-	6.8	26	E	3	-	85	51	50	3	5	7	1	0	0	16	68	5.8

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EASTERN DIVISION																							
AMENIA	80.9M	55.3	68.1M		90	15	47	29	13	1	0	0	0	2.16		0.98	17	0.0	0		6	1	0
ARVILLA STATE PARK	78.9	50.6	64.8		88	15	39	29	68	0	0	0	0	2.49		0.82	19	0.0	0		7	2	0
CARRINGTON AM	76.3	53.8	65.1	- 4.6	87	26	44	6	51	0	0	0	0	3.10	0.46	0.36	3+	0.0	0		12	0	0
CAVALIER	78.0	54.5	66.3		88	23	45	29	31	0	0	0	0	3.91		0.74	4	0.0	0		10	3	0
COOPERSTOWN	79.2	54.0	66.6		68	14	45	6	31	0	0	0	0	1.92	- 0.59	0.46	17	0.0	0		7	0	0
DEVILS LAKE WB CITY R //	76.5	55.2	65.9	- 3.4	90	25	47	6	48	1	0	0	0	2.10	- 0.57	1.08	20	0.0	0		4	1	1
EDGELEY EXP FARM AM	78.0	54.3	66.2	- 4.8	90	15	45	6	33	1	0	0	0	3.97	1.40	0.95	7	0.0	0		11	2	0
EDMORE 1 W	77.0	52.3	64.7		89	16+	43	27	62	0	0	0	0	2.06		0.59	7	0.0	0		7	1	0
ELLENDALE	81.2	56.3	68.8	- 3.1	90	23	51	6+	8	1	0	0	0	3.08	0.24	0.89	27	0.0	0		6	2	0
ENDERLIN AM	80.9	54.5	67.7		92	12	47	6	19	1	0	0	0	2.14		0.76	7	0.0	0		6	1	0
FARGO WB AP R //	78.5	57.5	68.0	- 3.3	88	15	49	6	14	0	0	0	0	3.58	1.27	1.36	17	0.0	0		6	2	2
FORMAN	80.6	55.9	68.3		90	14	48	21+	12	1	0	0	0	3.40	0.27	1.36	7	0.0	0		8	1	1
FULLERTON	81.2	56.1	68.7	- 3.5	91	14	48	6	9	1	0	0	0	4.49	2.02	1.32	12	0.0	0		8	2	1
GACKLE	78.9	55.0	67.0		88	14	50	6+	17	0	0	0	0	3.17		0.54	30	0.0	0		9	3	0
GRAFTON	77.9	53.5	65.7	- 5.2	86	23	45	29	39	0	0	0	0	2.77	- 0.43	0.68	15	0.0	0		9	1	0
GRAND FORKS CAA AP R	78.7	53.6	66.2		88	22	47	2+	35	0	0	0	0	1.02		0.26	14	0.0	0		5	0	0
GRAND FORKS UNIVERSITY	78.0	54.8	66.4	- 4.3	86	10+	47	27+	28	0	0	0	0	1.41	- 1.55	0.28	15	0.0	0		6	0	0
GRAND RAPIDS 1 N	80.8	53.9	67.4		90	14	46	13	16	1	0	0	0	4.14		1.45	7	0.0	0		9	2	1
HANKINSON R R STATION AM	78.6	56.8	67.8	- 4.7	88	15	49	6	23	0	0	0	0	2.87	0.41	1.28	7	0.0	0		6	1	1
HANNAH	75.4	50.9	63.2		63	14+	41	28	76	0	0	0	0	3.25	0.55	1.02	18	0.0	0		7	3	1
HILLSBORO	77.2	53.9M	65.6M	- 6.0	88	11	47	6	35	0	0	0	0	2.99	- 0.01	1.90	18	0.0	0		5	1	1
JAMESTOWN CAA AP R //	77.9	55.0	66.5		87	14	48	6	33	0	0	0	0	3.09		0.69	6	0.0	0		9	1	0
JAMESTOWN STATE HOSP	79.5	56.1	67.8	- 4.0	88	14	51	2+	16	0	0	0	0	3.80	1.07	0.97	30	0.0	0		10	1	0
KENSAL WILDLIFE REFUGE	81.0	53.3	67.2		88	11+	45	1+	23	0	0	0	0	2.97		0.80	3	0.0	0		7	2	0
LANGDON EXP FARM	76.1	51.2	63.7	- 4.3	85	23	42	6	74	0	0	0	0	4.05	1.43	0.83	4	0.0	0		10	4	0
LARIMORE	80.0	54.3	67.2	- 3.2	89	25	44	29	22	0	0	0	0	1.28	- 1.25	0.35	17	0.0	0		6	0	0
LISBON	79.3	55.2	67.3	- 4.4	86	11+	46	6	21	0	0	0	0	2.57	0.04	1.11	7	0.0	0		6	1	1
MAYVILLE	78.4	55.3	66.9	- 4.9	66	14	44	29	27	0	0	0	0	1.48	- 1.08	0.40	5	0.0	0		7	0	0
MC HENRY 5 N	76.6	52.6	64.7		86	25	43	6	58	0	0	0	0	1.47		0.33	3	0.0	0		7	0	0
MC LEOD 3 E	79.9	55.3M	67.6M	- 4.4	88	11	47	6	11	0	0	0	0	4.64	1.79	2.61	12	0.0	0		6	2	2
MC VILLE	78.1	53.0	65.6		88	14+	44	6	41	0	0	0	0	1.29		0.37	3	0.0	0		5	0	0
MUNICH 4 SW	74.3	47.8	61.1		83	23	39	27	129	0	0	0	0	1.98		0.69	3	0.0	0		4	1	0
OAKES AM	77.5	57.2	67.4	- 4.6	86	15	50	6	21	0	0	0	0	3.92	1.43	0.96	7	0.0	0		11	1	0
PARK RIVER	78.9	55.1	67.0	- 2.6	87	23	46	6	23	0	0	0	0	2.58	- 0.31	0.58	15	0.0	0		9	2	0
PEMBINA 2 N																							
PETERSBURG	79.1M	53.1M	66.1M		89	24	43	2	37	0	0	0	0	1.94	- 0.74	0.35	15	0.0	0		10	0	0
SHARON	76.5	54.3	65.4	- 4.7	85	25	48	6	40	0	0	0	0	1.50	- 1.16	0.30	17	0.0	0		8	0	0
VALLEY CITY	79.9	55.7	67.8	- 3.9	87	14+	46	6	20	0	0	0	0	1.70	- 1.11	0.46	7	0.0	0		5	0	0
WAHPETON STATE SCHOOL	81.6	54.1	67.9	- 5.2	89	11+	44	6	13	0	0	0	0	4.68	1.64	2.50	12	0.0	0		5	2	2
DIVISION			66.5											2.76				0.0					
MIDDLE DIVISION																							
ASHLEY	78.8	53.9	66.4	- 4.2	92	23	45	21	32	2	0	0	0	4.97	2.32	1.35	27	0.0	0		8	3	3
BELCOURT INDIAN RES	76.3	49.8M	63.1M		84	14	38	27	87	0	0	0	0	3.31		1.45	3	0.0	0		10	1	1
BISBEE	77.3	52.8	65.1		86	25	41	1+	54	0	0	0	0	3.42		1.10	3	0.0	0		5	3	1
BISMARCK WB AP R //	79.3	56.5	67.9	- 4.2	92	25	51	6	17	3	0	0	0	2.78	0.45	0.67	3	0.0	0		7	3	0
BOTTINEAU AM	76.4	52.8	64.6	- 4.3	86	15+	42	27	60	0	0	0	0	1.98	- 0.57	0.88	4	0.0	0		5	1	0
BUTTE AM														2.98		0.55	3	0.0	0		8	3	0
CARSON ND 2 AM	79.2	55.6	67.4	- 4.3	99	26	50	2	29	4	0	0	0	5.08	2.99	1.20	27	0.0	0		8	3	1
CENTER	79.3M	52.9	66.1M		93	25	40	2	40	1	0	0	0	5.38		1.49	3	0.0	0		10	4	3
DRAKE AM	77.9	55.6	66.8	- 3.2	93	26	49	2+	28	1	0	0	0	3.19	0.56	1.03	4	0.0	0		9	1	1
ECKMAN 2 SE AM	77.6	53.6	65.6	- 3.1	68	15	44	27	46	0	0	0	0	2.05		1.13	4	0.0	0		5	1	1
FESSENDEN	79.4	53.6	66.5	- 3.7	89	25	47	2+	29	0	0	0	0	2.85	0.03	0.79	20	0.0	0		7	2	0
FORT YATES	82.2M	55.4M	68.8M	- 4.3	92	15+	50	9+	4		0	0	0	3.28	1.27	0.96	27	0.0	0		8	2	0
FOXHOLM 7 N	79.5	53.9	66.7	- 2.9	90	25	43	2	33	1	0	0	0	2.63	0.65	1.43	3	0.0	0		5	1	1
GARRISON AM	77.6	54.2	65.9	- 4.5	97	26	47	2+	42	1	0	0	0	4.43	2.08	1.11	3	0.0	0		7	4	2
GRANVILLE	78.3	55.7	67.0	- 3.0	93	25	45	27	32	1	0	0	0	2.39	- 0.03	1.54	3	0.0	0		5	1	1
HANSBORO	75.4M	52.2M	63.8M	- 3.4	84	14			71	0	0	0	0	3.19	0.60	0.93	17	0.0	0		7	2	0
LEEDS	78.6	53.7	66.2		92	25	45	2	48	2	0	0	0	1.18		0.75	3	0.0	0		1	1	0
LINTON	81.5	55.0	68.3	- 4.5	92	23	49	8+	13	4	0	0	0	4.09	1.62	1.16	3	0.0	0		8	3	2
MADDOCK AGR SCHOOL	78.8	52.8	65.8	- 3.8	92	25	42	31	39	1	0	0	0	2.08	- 0.71	1.05	3	0.0	0		7	1	1
MANDAN EXP STATION AM	77.7	56.2	67.0	- 4.8	93	26	51	2+	23	1	0	0	0	2.65	0.32	0.91	3	0.0	0		6	1	0
MANDAN FT LINCOLN PARK	81.3	53.5	67.4		94	25	48	2+	13	3	0	0	0	3.40		0.84	3	0.0	0		8	2	0
MAX AM	77.1	54.3	65.7	- 4.0	95	26	49	1+	47	1	0	0	0	4.16	1.50	1.01	4	0.0	0		8	3	1
MC CLUSKY	78.8	53.2M	66.0M	- 4.7	92	25	48	2+	39	1	0	0	0	4.03	1.89	1.50	3	0.0	0		7	3	1
MINOT.CAA AP	76.9	55.0	66.0		92	25	47	27	49	1	0	0	0	4.00		1.73	31	0.0	0		7	2	2
MINOT EXP STATION AM	76.6M	55.4M	66.0M		91	26	46	2+	49	1	0	0	0	2.13		0.67	4	0.0	0		4	2	0
MOFFIT 4 SE	79.0	53.4M	66.2M		89	25	47	2+	30	0	0	0	0	2.59		0.68	30	0.0	0		4	2	0
MOHALL	78.3	53.8	66.1	- 3.0	88	14	46	27	47	0	0	0	0	2.73	0.18	1.14	3	0.0	0		6	2	1
NAPOLEON	78.7M	55.0M	66.9M	- 3.9			50	6+	21		0	0	0	3.06	0.17	0.84	6	0.0	0		8	2	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
,EW SALEM 1 S		79.4	54.6	67.0	- 4.1	93	25	48	6	26	2	0	0	0	3.37	1.16	1.27	3	0.0	0		8	2	1
PETTIBONE		77.5	55.3	66.4	- 4.1	88	25	48	6	32	0	0	0	0	3.64	0.92	0.82	30	0.0	0		8	2	0
RIVEROALE	AM	76.7	55.5	66.1		95	26	50	2+	39	1	0	0	0	5.88		2.20	30	0.0	0		8	4	2
ROLLA		74.4	53.6	64.0		84	14	45	6+	70	0	0	0	0	4.19		1.24	3	0.0	0		7	2	2
RUGBY		79.7	55.5	67.6		92	25	47	27	23	2	0	0	0	2.26	- 0.39	1.07	3	0.0	0		5	1	1
SAN HAVEN		75.7	54.3	65.0	- 3.5	89	9	45	27	54	0	0	0	0	2.04	- 0.81	1.20	3	0.0	0		4	1	1
STEELE		78.5	53.8	66.2	- 4.3	87	14+	43	6	35	0	0	0	0	4.38	1.87	1.72	30	0.0	0		7	3	1
TOWNER		80.0M	50.9M	65.5M	- 4.3	92	25	41	27	55	1	0	0	0	2.05	- 0.21	1.32	3	0.0	0		6	1	1
TURTLE LAKE		79.1M	54.2M	66.7M		93	24			28	1	0	0	0	3.32		1.41	3	0.0	0		7	2	1
UNOERWOOO	AM	76.9	52.1	64.5		93	26	46	2	62	1	0	0	0	5.36		1.45	3	0.0	0		8	4	2
UPHAM 3 N		79.2	53.5	66.4		88	14	43	27	30	0	0	0	0	1.79		1.13	3	0.0	0		4	1	1
VELVA		77.5	55.1	66.3	- 3.7	92	25	47	2	37	1	0	0	0	2.43	- 0.13	1.20	3	0.0	0		6	1	1
WASHBURN		79.0	53.2	66.1	- 5.9	89	14	48	2+	30	0	0	0	0	8.35	6.00	3.95	30	0.0	0		12	3	2
WESTHORE		76.8	52.3M	64.6M	- 4.6	87	14			52	0	0	0	0	3.69		1.62	3	0.0	0		6	3	1
WILLOW CITY		79.0	52.5	65.8	- 2.8	91	25	44	2+	47	1	0	0	0	2.12	- 0.36	1.17	3	0.0	0		5	1	1
WILTON		76.4M				91	25				1	0	0	0	5.22		1.70	3	0.0	0		9	2	2
WISHEK		78.5	54.5	66.5	- 3.6	89	23	46	21	28	0	0	0	0	3.86	1.10	0.84	7	0.0	0		8	3	0
OIVISION				66.1											3.42				0.0					
WESTERN DIVISION																								
ALMONT 7 SW		78.5	56.4	67.5		97	25	51	2	27	2	0	0	0	3.47		1.20	3	0.0	0		11	1	1
AMIOON	AM	78.6M	53.8	66.2M		98	26	46	19	50	3	0	0	0	3.16		1.36	3	0.0	0		7	2	1
BEACH	AM	80.1	54.1	67.1		98	26	44	1	46	4	0	0	0	2.59		0.58	7	0.0	0		8	1	0
BELFIELO		80.3	52.3	66.3		97	25	43	19+	40	4	0	0	0	4.57		0.60	9	0.0	0		14	2	0
BEULAH	AM	79.1	51.2	65.2		98	26	44	2	61	4	0	0	0	4.63		1.52	30	0.0	0		7	3	1
BOWBELLS		77.3M	50.3M	63.8M		87	14	42	27	74	0	0	0	0	3.20		1.12	31	0.0	0		6	2	2
BOWMAN COURT HOUSE		81.6	53.1	67.4	- 3.7	100	25	45	20	33	4	0	0	0	4.23		1.30	3	0.0	0		9	2	1
CROSBY																								
OICKINSON CAA AP	R //	79.3	54.6	67.0		99	25	49	1+	41	3	0	0	0	3.19		0.72	29	0.0	0		9	2	0
OICKINSON EXR STATION	AM	79.6M	53.4M	66.5M	- 3.3	100	25	47	2	36	4	0	0	0	3.01	1.01	0.67	3	0.0	0		7	2	0
OUNN CENTER 2 SW	AM	78.6	54.2	66.4	- 3.1	95	26	47	2+	41	3	0	0	0	3.95	1.61	1.75	30	0.0	0		7	3	1
FAIRFIELO		78.8	55.0	66.9		97	25	45	1	45	2	0	0	0	3.27		0.99	29	0.0	0		5	3	0
GRENORA		79.7	52.2	66.0		93	24	44	2	52	4	0	0	0	1.52		0.52	3	0.0	0		6	1	0
HETTINGER		80.6M	53.7	67.2M	- 4.8	95	25	48	9+	21	4	0	0	0	4.76	2.78	1.76	27	0.0	0		6	3	2
KENMARE	AM	76.6	53.6	65.1		87	15+	47	2+	58	0	0	0	0	2.54	0.29	0.86	4	0.0	0		5	2	0
LOSTWOOO 12 N																								
MARMARTH								43	2			0	0	0	1.89	- 0.03	0.44	4	0.0	0		7	0	0
MEDORA 3 NNE		83.2	51.6M	67.4M		101	25	44	2+	23	7	0	0	0	3.28		1.06	29	0.0	0		9	1	1
MOTT		78.8	52.4	65.6	- 6.2	97	25	46	21	42	2	0	0	0	4.56	2.59	1.48	29	0.0	0		9	2	2
NEW ENGLANO		79.6	52.9M	66.3M	- 5.8	98	25	48	1+	36	3	0	0	0	3.82	1.43	1.25	3	0.0	0		8	2	1
NEWTOWN		78.0	54.3	66.2	- 3.2	93	25	44	2	48	1	0	0	0	3.57	1.60	1.83	3	0.0	0		9	1	1
RARSHALL		78.4	52.5	65.5		94	25	42	1+	55	1	0	0	0	3.70	1.29	1.85	3	0.0	0		6	1	1
RORTAL	AM	76.2M	52.3M	64.3M	- 3.9	87	23	45	2+	74	0	0	0	0	1.75	- 0.35	0.75	4	0.0	0		5	1	0
ROWERS LAKE 1 N		76.1M	50.8	63.5M		85	24	41	2	76	0	0	0	0	3.28		0.88	3	0.0	0		6	2	0
RAUB 1 SSW		78.7	56.0	67.4		98	25	48	1	34	3	0	0	0	5.73		2.00	3	0.0	0		8	4	2
RICHAROTON ABBEY		79.8	55.0	67.4	- 3.4	99	25	50	2+	34	4	0	0	0	2.78	0.19	1.04	3	0.0	0		6	1	1
STANLEY		76.2	51.2	63.7		87	25	44	27	74	0	0	0	0	3.34		1.27	3	0.0	0		7	2	1
TIOGA 1 E	AM	76.0	51.5	63.8		90	26	40	27	82	1	0	0	0	1.95		0.77	4	0.0	0		5	1	0
WATFORO CITY		79.6	54.8	67.2	- 4.2	95	24	45	2	40	3	0	0	0	3.20	0.84	0.95	3	0.0	0		8	2	0
WATFORO CITY 14 S		81.6	54.8M	68.2M		95	24+	45	1+	25	6	0	0	0	4.75		0.97	28	0.0	0		9	4	0
WILLISTON WB CITY	R //	78.2	56.2	67.2	- 3.7	94	24	47	1	40	3	0	0	0	2.20	0.07	0.57	3	0.0	0		8	1	0
WILLISTON EXP FARM						94	25				2	0	0	0					0.0	0				
OIVISION				66.2											3.38				0.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
JULY 1956

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABERCROMBIE 3 NW	1.27					.04	T	.36	.01	.13			.18					.16	.11					T	.02	T			T		.26		•
ADAMS 7 S	2.35			.15	.10			.50	.30		.30							.61	.20							.19							•
ALEXANDER	2.15			.62		.02	.30	.15		.02		.07					.05	.30	.02									.04	.50	.06			•
ALMONT 7 SW	3.47	.18	.14	1.20			.19	.37	.09			.13						.13	.03	T						T		.17	.38	.15	.31		•
AMBROSE 3 N	2.43			.51	.48	.15	.05	.01							.01		.10	.15	T								.51			T		.46	•
AMENIA	2.16	.10				.03	.05	.38										.98	.14					.06					.32		.10		•
AMIDON	3.16		.21	1.36	.29		.10	.30	T	.13			.03			T		.04		T						T	T	.07	.58		.05		•
ARVILLA STATE PARK	2.49			.20	.05	.02		.12	.05	.12	T					.34		.53	.07	.82			.01			.14				T	.02		•
ASHLEY	4.97	.03		.39	.12	.24	1.12	.09	T				.24		.12		.09			.06	T					.06		1.35	T		1.05	.01	•
BALTA	1.81			1.17	.14	.02	T	.02							T		.13	.01	.17	.04	.01			T							.10		•
BANTRY	2.33			.35	.85	.03			.09							.06			.11		.76										.08		•
BEACH	2.59		.14	.46	.38	T	T	.58	.02	.10			.19		T	T		.03		.03	.05						.01		.40		.20		•
BELCOURT INDIAN RES	3.31	T		1.45	.12			.10	.23						T	.41	.13	.19	.43	.12	.02			.11		T							•
BELFIELD	4.57	T	.41	.55	.18	T	.39	.36	.06	.60	.12	T	.16	.04		.06	.18		.26	.08		T				T	.11	.14	.42	.41	.04		•
BERTHOLD	3.31			1.75		.03	.10	.38	.08						.08		.42		.05								.29				.13		•
BEULAH	4.63	.02		.89	.07	.04	.08	.18	.83	.18			.40			T		.01								T	.01		.37	.03	1.52	T	•
BISBEE	3.42			1.10	.40			.27								.03			.69		.88			.05									•
BISMARCK WB AP R//	2.78		.10	.67			.61	.51	.03			.09			T	T	.05	.08	.12							.02	.01	T	.13	.31	.05		•
BISMARCK 12 ENE	3.19			.65	.35		T	.35	.92									.07	.13								.05		.23		.44	T	•
BOTTINEAU	1.98		.03	.17	.88			.03			T				T	.04		.34	.07	.14	.09	.01		.14		.02					.02		•
BOWBELLS	3.20			1.11	.21	T	.04			.15					.05			.05	.17	T		T					.26			.04		1.12	•
BOWMAN COURT HOUSE	4.23	.14	.40	1.30	.10		.21	.32		T		.07	.29	T	.01	T		.05	.04								.85		.45				•
BOWMAN 11 SE	4.75	.04	.37	1.09	.29		.23	.19	.03			.39				.19												1.54	.37	.02			•
BOWMAN 30 NNW	1.79		.51	.24			.30	.03				T														.11		.45		.15			•
BURT 16 N	5.49	1.40	.21	1.20				.68				.05	T						.17							.02	.14	.19	.67		.76		•
BUTTE	2.98	.10	T	.55	.53	.02		.02	.31						.03			.02	.03	.25	.38							.23			.51		•
CARRINGTON	3.10	.04		.36	.36	.06		.27	.16									.06	.16	.20	.07	.31		T	.29	.18	.05		.15	.05	.18	.15	•
CARSON NO 2	5.08	.09	T	.96	T		T	.92	.08	T			.10			.06	T	.46		T						.04	.35	1.20	.40	T	.42		•
CAVALIER	3.91	.03		.35	.74			.40	.63	.02		T	T		.19	.39		.52	T	.16				.33		.15					T		•
CENTER	5.38	T	.16	1.49			.62	1.07	.15		T	.06				T		.10	.11									.13	.34		1.15		•
COLGATE	2.51			.14		.22		.22	.29	.05								.97	.27					.07		.04			.14		.10		•
COLUMBUS	2.83			.68	.13	.12		.15							.08		.24	.07	.14								.53					.69	•
COOPERSTOWN	1.92			.19		.17		.21	.02									.46	.45					.13		.04			.19		.06		•
COURTENAY	2.35		T	.18		T	.05	.49	.24								.09	.20	.20	.02				.15	.02				.30		.41		•
CROSBY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
DEVILS LAKE WB CITY R//	2.10			.44		.18	T	.03	.01						.02		.07	.06	.01		1.08			.18		.02				T	T	T	•
DICKINSON CAA AP R//	3.19		.56	.31	T		.03	.27	T			.01	.33			T	.11	.18	T							.10	.02	.47	.08	.72	T		•
DICKINSON EXP STATION	3.01	.01	.04	.67	.37		.04	.48	.51	T			.01	T		T	.01	.13	.04	T					T	T			.45	.01	.24		•
DONNYBROOK	5.64			1.69	.02		T	.52	.31	.04					T	.10	T	.38	.22	.10	T		.07	.02	.06	T	.28				T	1.83	•
DRAKE	3.19	.10		.47	1.03	T		.02	.08	T						T			.05	.16	.19	.15					.37		.16		.41		•
DUNN CENTER 2 SW	3.95	T		.65	.07	T	.33	.14	T	.11			.08	T		.03	T	.14		.05					T	T	.03		.55	.02	1.75		•
ECKMAN 2 SE	2.05			.34	1.13	.02		.03	.11							T		.10	T	.03	.20					.04	.02				.03		•
EDGELEY EXP FARM	3.97	.11		.13	.03	.25		.95	.07	.06				.76		.05			.14	.20	.01	.09			.14	.06	.14	.34	.01	.04	.30	.09	•
EDMORE 1 W	2.06	T		.34		.10		.59	.05	.08			T		T	.45	T	.10	.20					.05		.10							•
ELGIN 5 S	3.79		.11	1.06	.06		1.08	.03	.11			.05			.10	T	.06		T	T						.04		.55	.26		.28		•
ELLENDALE	3.08	T	T	.01	.05	.25	.01	.83	.01	.02			.12		.01			.02	.01	.09	.01		.02	.27	T	.01		.89	.02		.42	.01	•
ENDERLIN	2.14			.05		.22		.76	.11	.05	T							.02	T	.29	T				.21				.08	T	.07	.28	•
EPPING	1.91			.75			.23	.11				.01			.33		.14	.03	T								.14		.14	.03			•
FAIRFIELD	3.27		.03	.79			.64	.03	.03			T	.05			.02	T	.09	T									T	.35	.99	.25		•
FARGO WB AP R//	3.58			.01	.03	.03	.25	.03	.11	.04							.19	1.36	1.18					.04		T			.30		.01		•
FESSENDEN	2.85			.74		.04	.09	.12												.13	.79			.04			.15		.30		.45		•
FLASHER	3.98		.11	.68			.03	.87	.20				.20					.16	.03	.06								.83	.29		.52		•
FLAXTON	2.30			.69	.14	.04	.09	.01	.01	.10			.01		.10		.01	T	.45	.04	T					.02	.20	.01				.38	•
FORBES 13 NW	3.95		T	.14		1.12		.90		.19			.23					T		.25							T	.65			.47		•
FORMAN	3.40					.42	.26	1.36	T				.08		.12			T	T					.14		.12		.42	T		.48		•
FORT YATES	3.28	.03	.64	.34			.38	.33	.10						.10			.02			.07							.96	.05	.26			•
FOXHOLM 7 N	2.63			1.43	.01		.07	.09	.49							T	.09		.17								.14				.14		•
FULLERTON	4.49	T			.04	.25	.93		.04				1.32		.08	T		T	.14		.42			.30		.02		.47	T		.48		•
GACKLE	3.17			.43	.16	.11	.53	.09		.02			.50		T			.31	.23	T	.03			.02		.07	.01		.12		.54		•
GARRISON	4.43			1.11	.58		T	.24	.72	.19						T	T	T	T	.05		T							.44	T	1.10		•
GLEN ULLIN 13 N	3.93		.16	.97			.50	.46	.14			.93																	.36	.35	.06		•
GOLDEN VALLEY 10 S	3.96		.68	.25			.26	.26	.33			.28					T	.08	.05							T	.07		.33	.74	.63		•
GRAFTON	2.77			.15	.21			.33	.20	.03		.04				.68		.34	.31	.02				.15		.31							•
GRAND FORKS CAA AP R	1.02			.19	.01	.02		.17	.05	T			T		.26			.12	.17							.03	T				T		•
GRAND FORKS UNIVERSITY	1.41			.15	.06	.08		.21	.06	.03						.28		.21	.14						T	.19	T				T		•
GRAND RAPIDS 1 N	4.14			.08	.03	.45	.55	1.45	.15					.28	T	T		T	.43	.03	T			.12		.14		.06	.04		.33	T	•
GRANVILLE	2.39			1.54		.12	.05	.03	.05						.10		.24		T	.12	.06									T	.08		•
GRASSY BUTTE 10 N	5.99	.84		1.05			.98					.80	.15																.15	2.02			•
GRENORA	1.52			.52	.04		.15	.10							T		.18	.17									.36						•
HAGUE	4.28	T	.40	.85			1.00	.20	.13				.02				T	T								.02	T	1.08			.58		•
HALLIDAY	4.19		.17	.70			.30	.04	.18			.35				.04										.02			.64	1.02	.73		•
HANKINSON R R STATION	2.87					.16		1.28	.07	T				.07		.22			.06	T					.05		.19	.40	T		.30	.07	•
HANNAH	3.25		T	.70	.71	.02	.01	T	.03	.05			.01			.27		.10	1.02	.01				.16		.16					T		•
HANSBORO	3.19			.76	.43	.01		.06					.01			.25		.93	.14		.24			.30		.06							•
HARVEY	2.80			1.11	.12	.02							.10			.02										.65					.78		•
HETTINGER	4.76		.03	1.30			.06	.12	.03			.59	.16		T		.08	.04	.03							.07	.01	1.76	.45	.03			•
HILLSBORO	2.99			.30		.27	T	.07	.02	.06							.13	.17	1.90							.07					T		•
JAMESTOWN CAA AP R//	3.09	.14		.20	T	T	.69	.30	.27	T						T	T	.05	.45		.25			.06		.06		T	.23	.02	.37		•
JAMESTOWN STATE HOSP	3.80	.39		.21			.43	.40	.35									.15	.08	.03	.33	.11		.09		T			.26		.97		•
KEENE 2 S	3.41			1.15		.05	.21		.07			.08			.03	.05			.94										.60	.03	.20		•
KENMARE	2.54			.40	.86	.64		.05	.03	T								.05	.10	.05						T	.30				.06		•
KENSAL WILDLIFE REFUGE	2.97			.80			.02	.74	.11									.04	.11	.08				.35		.05	.08		.29		.30		•
KILLDEER 8 NW	5.59			1.45			.68	T					.27				.23	T	.20										1.00	1.06	.70		•
KULM	4.00			.16	.04	.32	.04	.73	.06	.17			.67		.07				.12	.33					.37	.12		.40			.40		•
LANGDON EXP FARM	4.05	.09		.52	.83			.50	.32				T		.16	.65		.40	.13	.30						.12					.03		•
LANSFORD	2.33			1.61	.01		.03	.16	.10						.02			.04	.16	.01						.02	.13				.04		•
LARIMORE	1.28			.20				.11	T							.22		.35	.21	.10				T							.09		•
LEEDS	1.18	.07		.75	.08			.08	.08						T				.02	T	.05			.05							T		•
LEFOR 10 E	4.90		.25	1.79			.79	.26	T			T	T				T	.01	.04							.05	.24	.12	.58	.54	.23		•
LINTON	4.09			1.16			1.05	.13	.14				.15			.01		.08	.14	.01	.02					.08		.68	.05		.36	.03	•
LISBON	2.57			.02	.03	.05	.09	1.11	.15	.05			.05	.33					.26					.09		.10		.02	.08		.14		•
LITCHVILLE	2.30			.05	.04	.45	.05	.57	.16									.01	.20	.03				.12		.04			.18		.40		•
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
MADDOCK AGR SCHOOL	2.08			1.05	.12	.10	T	.20	.10						T			.04	.06		.15			.13		T	.07		.04		.02		•
MANDAN EXP STATION	2.65			.91	.04		.07	.25	.32	T			.13		.05		T	.02	.02	.09	T					.05	.02	.03	.17	T	.48		•
MANDAN FT LINCOLN PARK	3.40	.15	.04	.84			.65	.45	.15				.07			T		.09	.26	.03						.03	.11	.06	.03		.44		•
MARMARTH	1.89		.12	.38	.44		.10	.13	.16			.38	.04				T		.08		.06		T										•
MARTIN	3.61			.78				1.23													.21					.50			.21		.68		•
MAX	4.16			.98	1.01	.03	T	.20	.41	.12					.06	T			.03	.16									.31		.85		•
MAYVILLE	1.48			.19	.05	.40	T	.12								.10	T	.18	.26	T						.12					.06		•
MC CLUSKY	4.03			1.50	.13		.04	.14	.08									.04	.81	.03	.12								.36		.78		•
MC HENRY 5 N	1.47			.33		.03	.15	.10	.10	.01							.02	.18	.20	.07	.02			.03		.03	T		.05		.15		•
MC LEOD 3 E	4.64					.13	.02	1.17	.16				2.61					.07									.16	.05			.27		•
MC VILLE	1.29	T		.37		.16		.12	.12	T					T			.28	.03	T				.09		.05	T				.07		•
MEDINA	3.69	.14		.50	.06		.50	.32										.34	.10	.09									.37		1.27		•
MEDORA 3 NNE	3.28	.12	.15	.46		.18	.36	.34					.15			.02	.06	T	.04								T	.09	.25	1.06			•
MEDORA 23 NNW	3.77			.50			.60			T						.05	.15		.12										.40		1.95		•
MINOT CAA AP	4.00			1.47	T	T	.12	.12	.02						.22	T	.01		.11	T	.10				T		.08	T	T	.02	T	1.73	•
MINOT EXP STATION	2.13			.53	.67	.05	T	.08	.08	.01					.27			T		.01	T	.06					.07		.02		.28	T	•
MOFFIT 4 SE	2.59		T	.60	.08		.41	.33	.08				.06		.04		T	.02	.08	.02	.03					.06	T	.04	.06	T	.68		•
MOHALL	2.73			1.14	T	.07		.20	.15						.11			.16			.03					T	.09			.02		.76	•
MONTPELIER	1.95	T		.14		.18	.02	.61	.10	T					T	T		.07	.06	T				.23		.03			.26		.25		•
MOTT	4.56	T	.15	1.29	.06	T	.43	.20	.07			.02	.04		.02		.10	.05	T							.15		.15	.35	1.48			•
MUNICH 4 SW	1.98			.69	.44				.05						.03	.47		.13	.03		.09			.05									•
NAPOLEON	3.06			.40			.84	.13	.05				T		.24			.08	T		.14	.07				.24		.16	.09		.62		•

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	3.82		.22	1.25	.05		.46	.15					.08				.02	.04	.05							.08	.15	.41	.72	.02	.12	
NEW ROCKFORD 7 WNW	3.26			.79				.73										.26			.89			.20		.01			.18		.20	
NEW SALEM 1 S	3.37		.23	1.27			.24	.18	.22	T		.80					.12		T		T								.31			
NEWTOWN	3.57			1.83			.30	.25	.15						.17	.01		T	.13										.25	.14	.34	
NOONAN	2.76			.68	.19		.05		.14						.04		T				.47						.23					.96
NORTONVILLE	2.85					.31	.89	.26	.15					.33				.20	.12												.59	
OAKES	3.92				.11	.35		.96	.08	.18			.12	.14		.17			.45	.42					.09		.07	.38	.02	.02	.32	.04
PARK RIVER	2.58			.22	.20			.11	.13		.16			.02		.58		.08	.27	.02					.56	.23						
PARSHALL	3.70			1.85			.35	.31	.05	.01		T			.06	.01	T	T	.12								.06		.39	.08	.41	
PEMBINA 2 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETERSBURG	1.94			.31	.21			.18	.10	.14						.35	.03	.10	.25	.10						.12	.03				.02	
PETTIBONE	3.64			.73			.19	.44										.15	.26	.05	.43			.08		.03		.04	.42		.82	
PINGREE	2.80			.48			.08	1.00	.30									.13	T	T	.18			.10		T			.37		.16	
PORTAL	1.75			.15	.75	.10		.06	T				T		.08			.02		.36							.23					
POWERS LAKE 1 N	3.28			.88	.02		.05	.06	.08	.02					.20		.30	.01	.42								.47			.07		.70
PRETTY ROCK	3.76	.09	.11	.87	.05		.45	.06	.04			.11					.04	.29	.05							.06	T	1.02	.34	.03	.15	
RAUB 10 SSW	5.73		T	2.00			.16	.23	.10			.05				.01	T	.08	.20										.90	1.40	.60	
REEDER	4.29		.10	1.60	.06		.15	.17	.01		.07		.17		.07			.03	T							T	T	1.37	.42	T	.07	
REEDER 14 N	4.02			1.37	.12		.17	.16		T			.17						.07								.09	.49	.52		.86	
RICHARDTON ABBEY	2.78		.08	1.04			.32	.40	.08			.03	T			.01		.15	.02			T					.01	T	.37	.07	.20	
RIVERDALE	5.88	T		1.48	.13	T	.02	.18	.90	.23			T		T	T	T	T	.03	T	T					.01			.59	.11	2.20	
ROLLA	4.19			1.24	.35	.07		.17	.02						.03	.35		.37	1.18		.35			.06								
RUGBY	2.26			1.07	.03	.03	.01	.02							.01		T		.26	.20	.26			.32							.05	
RYDER	3.69			1.48		.04	.12	.76	.04										.04								.02		.43		.73	.03
SAN HAVEN	2.04	.01	.01	1.20	.05			T									T	.40	.17	.08				.12								
SCRANTON	5.10	.22	.43	1.72	.08		.21	.15	T			.30	.15		.06			.08	T									1.22	.40	.08		
SELFRIDGE 11 W	3.96				1.69			1.01	.06										.02								1.18					
SENTINEL BUTTE 20 S	3.78	.69	.11		.39		T		.50	.19		.04		T						T					.20			.06		1.60		
SHARON	1.50			.23		.29		.11	.12	.02							.10	.30	.02					.07		.02			.12		.10	
SHERWOOD 3 N	2.84	.05	.03	.84	.28	.01		.24	.52						.03			.01	.74		.05	.01			.01		.02					
SHIELDS	3.16			.54			.79	.24	.06			T	.02		.16			.13	.02		.04					T	.01	.86	.11		.18	
STANLEY	3.34			1.27			.09	.02	.51	.02					.30	.07			.29								.25		T	.08	.10	.34
STEELE	4.38	.17		.80	T	T	.68	.24	T							T	T	.02	.09	T	.30	T			.03				.33		1.72	T
SYKESTON	3.06		.03	.90				.70	T									.11	.23	.20	.07			.04		.15					.63	
TAGUS	4.22			1.72	.02	.07	.06	.12	.15						.21	T	.16	.02	.12		.10					.20				.15	.02	1.10
TIOGA 1 E	1.95			.25	.77	.03		.07		.08					.36			.10	.01	.02							.23		T	.01	.02	
TOLLEY 4 NE	3.58			1.38	.03			.30		.06					T			.13	.04	T	T					.11	.13			T		1.40
TOWNER	2.05			1.32	.10			.10							.05				.14		.15										.19	
TROTTERS 6 SE	3.52		T	.79	T		.63	.05	.08			T	T			.04	.02	.17							T			.12	.49	1.13		
TURTLE LAKE	3.32			1.41		.10	T	.16	.12				.10							.02					.03			.42		.96		
TUTTLE	3.95		.05	1.20		.01	.36	.39											.05	T	.13						.03	.05	.58		1.10	
UNDERWOOD	5.36	.03		1.45	.25		.05	.15	.83	.05			T					.04	.19	.36						.07			.53	.06	1.30	
UPHAM 3 N	1.79			1.13	.01		.04		.02			T	T		.14			.05	.13	T	.18					.07					.02	
VALLEY CITY	1.70			.05	.06		.04	.46	.16									.12	.08					.09		.03		.01	.30		.30	
VELVA	2.43			1.20	.01	.02	.07	.05	.25	T					.13		T	T	.27	.04	.01					T	.02		.15		.21	
VERONA	3.38					.21	.16	1.35	.22				.38					.35						.12		.13		.19			.27	
WAHPETON STATE SCHOOL	4.68					.06	.02	1.32	.14				2.50	T	T			.22	T	.03				T		.07		.09	.03		.20	
WALHALLA	2.89			.41	.62	.03		.08	.49						.18	.50		.05						.06		.36					.11	
WARWICK	3.23			.49		T	T	.15	T								T	1.94	.05		.10			.07		.09	.18				.16	
WASHBURN	8.35	.25	.07	1.70		.02	.25	.45	.25			.15							.20		.10					.15		.01	.57	.23	3.95	
WATAUGA S OAK 8 N	4.14			.75			.52		.30			.06				T		.40						T			.12	1.70			.29	
WATFORD CITY	3.20			.95			.28	.33				.15			.03	.10		.35	.08										.83		.10	
WATFORD CITY 14 S	4.75		.10	.59		T	.31	.11	.01			.48	.09		.02	.11		.84	.06	.08							.02	.08	.97	.03	.85	
WESTHOPE	3.69			1.62				.08	.04									.68	.10	.22	.18											.77
WILDROSE	1.74			.61	.04		.15	.13							.10		.20	.28	.05								.18					
WILLISTON WB CITY R//	2.20			.57		.01	.30	.03	T			.23		.17	.23	.10	.26	.04	T								T	.23	.01	.02		
WILLISTON EXP FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06	.40	.10									.02		.32	.01		
WILLOW CITY	2.12	T		1.17		.17	.01					T			T			.10	.27					.38	T	.01				.01		
WILTON	5.22		.23	1.70		.22	.41	.48	.14										.07	.01	T					.04	.16		.39		1.37	
WISHEK	3.86			.48	T		T	.84	.25				.51					.12	T		.09			.03		.43		.70	.04		.37	
WOODWORTH 5 E	1.60			T	T		.05	.40										.15	.13	.17	T			T		T			.30		.40	
ZAHL	1.80			.85	.07		.17	.14	T			T			.15		.15	T		.13							.14					

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1956

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	74	68	77	77	71	70	72	68	77	83	84	80	79	90	80	84	80	70	74	80	80	85	88	88	97	84	75	63	80	74	80	78.5
	MIN	54	51	56	54	53	53	53	54	56	57	60	59	54	62	60	58	55	56	56	57	53	58	65	54	64	58	56	53	53	60	56	56.4
AMENIA	MAX	80			77		70	71	69	82	88	89	88	80	86	90	87	86	80	74	76	80	85	84	85	84	82	79	74	81	74	83	80.9
	MIN	55	54	60	54	52	49	55	54	52	59	57	61	53	50	64	57	60	55	55	53	51	52	53	60	57	60	56	54	47	60	54	55.3
AMIDON	MAX	73	75	63	68	71	78	71	72	70	71	86	83	80	84	81	80	84	80	72	76	83	87	90	88	93	98	85	61			75	78.6
	MIN	50	51	52	53	54	54	53	47	49	57	58	57	57	58	59	54	49	50	46	53	53	55	65	53	65	57	52	51	50	51	56	53.8
ARVILLA STATE PARK	MAX	79	72	71	80	80	69	69	73	73	85	83	82	78	87	88	80	81	65	72	74	80	83	86	86	84	85	78	74	84	81	85	78.9
	MIN	49	46	43	45	56	40	46	53	49	55	55	51	53	52	56	59	53	53	46	50	47	47	53	59	52	58	45	44	39	60	55	50.6
ASHLEY	MAX	75	75	76	82	73	77	68	70	76	83	84	82	78	91	85	87	80	80	70	77	83	78	92	85	84	86	72	67	80	68	80	78.8
	MIN	56	52	55	55	57	50	52	50	48	52	55	57	48	58	58	54	54	53	53	47	45	49	60	53	62	63	54	55	53	60	52	53.9
BEACH	MAX	75	75	64	74	75	76	71	72	70	79	88	82	82	86	91	81	86	82	74	79	83	88	92	88	96	98	82	64	68	83	78	80.1
	MIN	44	48	54	49	49	53	55	50	48	56	60	58	58	62	60	51	49	53	48	50	48	51	63	57	69	62	56	54	53	55	54	54.1
BELCOURT INDIAN RES	MAX	74	77	70	69	70	68	68	74	79	81	82	80	76	84	82	79	76	70	74	75	77	80	82	80	81	79	70	74	76	80	78	76.3
	MIN	44	41	50	50	50		44		47	50	53	54	49	57	58	50	58	49	55	50	44	46	58	55	56	52	38	40	46	57	42	49.8
BELFIELD	MAX	74	69	73	74	74	72	70	72	79	84	82	81	84	90	85	83	79	77	78	82	83	88	86	92	97	92	75	76	79	79	81	80.3
	MIN	44	47	52	49	47	50	53	49	50	52	57	58	52	52	60	53	54	55	43	46	43	50	55	49	67	59	58	53	54	58	51	52.3
BEULAH	MAX	76	73	65	77	75	69	70	74	71	78	85	86	80	81	92	79	84	80	73	77	83	82	88	90	90	98	84	70	63	81	79	79.1
	MIN	47	44	50	49	48	46	50	50	48	47	52	53	50	56	56	49	50	50	48	48	45	53	55	49	57	60	57	54	53	58	54	51.2
BISBEE	MAX	71	78	68	72	69	70	67	73	79	82	83	81	78	85	79	82	78	72	75	76	78	81	83	83	86	70	74	77	84	80	81	77.3
	MIN	41	45	53	53	54	46	49	53	55	56	60	58	52	58	59	52	57	53	58	55	51	52	58	58	59	45	41	51	55	51	49	52.8
BISMARCK WB AP	MAX	75	67	76	79	71	75	74	72	80	84	86	81	81	90	79	85	81	72	75	82	80	86	90	86	92	83	73	63	83	74	82	79.3
	MIN	57	52	56	55	54	51	55	55	52	55	59	59	54	65	63	54	57	54	56	55	53	53	60	53	66	61	59	57	55	61	55	56.5
BOTTINEAU	MAX	77	70	74	57	69	71	70	73	75	79	83	83	77	77	86	77	82	76	72	76	75	79	82	81	82	86	79	70	73	77	81	76.4
	MIN	45	45	54	52	54	50	50	51	51	53	57	57	49	60	58	53	56	50	54	55	52	53	60	52	60	59	42	45	53	60	47	52.8
BOWBELLS	MAX	75	75	61	69	70	69			80	84	81	76	79	87	77		80	70	76		82	85	81	86	84	81	63		79	80	80	77.3
	MIN	46	45	51	48	49	48			51	52	55	49	47	60	55		49	49	46		49	50	55	50	56	52	42		46	57	50	50.3
BOWMAN COURT HOUSE	MAX	77	73	73	75	75	75	72	70	78	89	86	80	84	92	89	85	80	71	85	83	89	89	89	92	100	93	82	70	83	73	78	81.6
	MIN	47	53	52	48	49	54	52	47	49	52	58	57	62	57	59	54	49	48	52	45	50	53	59	52	65	59	50	52	50	58	53	53.1
BUTTE	MAX																																
	MIN																																
CARRINGTON	MAX	77	70	72	68	72	68	67	70	69	78	82	83	78	78	86	79	83	77	71	73	76	78	81	84	83	87	78	73	70	79	74	76.3
	MIN	54	47	53	54	55	44	47	53	52	56	58	58	50	56	61	53	59	55	54	50	49	52	57	56	58	58	51	53	53	59	53	53.8
CARSON NO 2	MAX	78	75	64	78	78	74	70	73	70	78	86	84	80	81	90	78	84	80	71	71	82	88	86	91	92	99	85	67	68	79	76	79.2
	MIN	56	50	55	55	53	53	55	52	51	54	58	57	52	62	61	56	55	53	51	57	51	56	65	56	63	60	55	54	54	60	54	55.6
CAVALIER	MAX	79	74	73	76	71	73	73	72	80	85	85	84	80	82	80	82	78	73	75	77	80	84	88	80	78	74	71	70	76	87	78	78.0
	MIN	50	46	51	53	55	49	56	54	56	60	63	60	55	56	56	59	57	57	55	52	53	55	54	60	57	59	49	47	45	56	55	54.5
CENTER	MAX	71	67	77	72	70	72	74	70	78	83	86	80	79	88	82	82	79	73	75	80	82	86	87	88	93	86			81	76	82	79.3
	MIN	49	40	54	52	51	47	51	53	53	48	53	57	50	58	58	48	53	51	53	53	57	48	57	51	61	58	55	54	54	60	52	52.9
COOPERSTOWN	MAX	76	73	70	81	75	69	66	70	78	85	85	81	79	88	86	85	79	75	72	75	79	85	84	84	87	85	80	73	81	87	81	79.2
	MIN	56	49	55	58	55	45	51	50	50	55	59	59	50	55	60	53	53	54	54	53	50	51	56	57	60	59	51	53	50	60	53	54.0
CROSBY	MAX																																
	MIN																																
DEVILS LAKE WB CITY	MAX	71	71	59	73	68	68	65	71	79	83	84	76	79	87	80	83	80	72	74	75	76	82	84	82	90	77	70	73	78	80	81	76.5
	MIN	54	49	54	54	54	47	50	53	52	59	62	58	53	59	62	56	61	56	56	53	51	55	60	57	61	56	50	53	50	63	52	55.2
DICKINSON CAA AP	MAX	74	68	73	75	72	71	70	73	80	85	82	80	83	91	79	85	80	71	79	84	81	87	89	92	99	86	67	63	80	78	81	79.3
	MIN	49	52	54	51	50	54	50	53	51	54	59	58	54	62	60	55	53	51	49	52	53	57	60	55	67	58	53	52	53	58	56	54.6
DICKINSON EXP STATION	MAX	78	75	67	74	77	71	72	72	73	78	84	85	81	84	90	79	85	80	72	78	83	82	89	93	100		85	67	72	83	78	79.6
	MIN	48	47	55	52	51	55	55	49	52	52	57	57	52	60	60	52	52	52	50	50	48	55	59	56		58	53	53	53	58	52	53.4
DRAKE	MAX	75	72	72	64	76	78	65	73	72	79	84	85	80	78	87	80	83	79	71	75	78	80	84	85	86	93	78	71	73	80	80	77.9
	MIN	51	49	55	53	55	51	50	55	52	57	62	56	51	61	60	53	56	56	56	58	54	56	63	56	65	60	49	54	57	61	53	55.6
DUNN CENTER 2 SW	MAX	75	72	65	73	74	70	70	71	72	78	85	86	80	83	88	78	83	77	70	76	81	82	90	89	93	95	80	67	75	81	78	78.6
	MIN	48	47	54	53	52	55	56	54	52	53	57	57	52	59	59	53	54	54	51	52	54	56	58	56	64	59	51	51	47	56	55	54.2
ECKMAN 2 SE	MAX	77	71	76	59	70	69	68	69	75	80	83	85	79	79	88	79	84	78	75	77	80	81	84	84	85	87	80	70	71	80	83	77.6
	MIN	48	45	54	53	55	51	52	54	53	53	59	53	48	53	60	53	52	54	52	56	54	54	60	53	58	60	44	49	54	61	58	53.6
EDGELEY EXP FARM	MAX	75	77	77	75	82	75	72	71	68	78	84	84	82	78	90	82	82	81	74	72	75	77	81	85	84	84	84	74	67	79	69	78.0
	MIN	56	51	55	56	56	45	53	54	51	55	56	60	51	56	63	55	54	55	53	48	48	51	52	55	56	61	55	54	54	60	54	54.3
EDMORE 1 W	MAX	72	71	65	75	70	70	65	73	80	82	83	76	71	84	78	89	79	78	75	75	79	81	85	81	89	76	71	75	77	83	79	77.0
	MIN	51	45	53	54	54	45	49	52	50	54	60	54	49	55	58	60	59	54	55	50	49	53	54	53	56	55	43	45	45	58	48	52.3
ELLENDALE	MAX	80	78	77	86	78	79	74	69	78	85	86	85	79	89	89	86	83	78	73	78	82	87	90	86	84	88	83	71	81	74	82	81.2
	MIN	58	53	58	58	61	51	56	51	52	57	60	59	53	58	64	57	59	55	55	51	53	53	54	58	59	61	55	55	54	61	55	56.3
ENDERLIN	MAX	77	79	78	78	85	77	75	71	69	80	86	92	87	80	88	89	88	84	78	78	78	80	85	80	87	83	85	80	74	82	74	80.9
	MIN	58	50	57	58	57	47	53	53	51	55	56	60	52	52	64	54	57	55	56	49	50	48	53	59	57	59	58	53	50	57	53	54.5
FAIRFIELD	MAX	72	71	71	73	74	69	70	70	78	83	83	80	83	88	86	83	78	72	75	81	84	89	86	93	97	85	71	62	79	78	80	78.8
	MIN	45	48	54	50	50	53	57	52	53	56	59	58	53	61	58	56	52	50	49	54	55	56	64	58	72	59	54	52	51	58	57	55.0
FARGO WB AP	MAX	78	78	74	80	72	72	68	65	79	86	86	83	79	87	88	84	76	79	72	75	80	84	83	82	80	79	76	72	80	75	82	78.5
	MIN	57	52	60	64	54	49	56	56	51	58	60	60	54	59	62	56	60	59	58	55	58	55	61	59	63	63	57	55	51	62	57	57.5
FESSENDEN	MAX	79	76	69	75	72	67	73	72	80	85	88	81	88	87	84	85	81	75	76	79	80	82	87	86	89	82	75	71	80	76	80	79.4
	MIN	51	47	54	54	52	47	47	52	52	53	55	60	48	57	60	52	58	54	56	54	49	52	60	53	60	60	50	55	53	54	52	53.6
FORMAN	MAX	81	78	80	85	80	79	69	68	80	86	88	83	78	90	87	86	83	75	74	79	80	85	83	87	83	88	82	72	80	67	82	80.6
	MIN	59	50	59	62	59	50	55	54	50	55	54	63	56	57	61	63	56	55	56	50	48	48	52	58	60	64	56	56	53	59	56	55.9
FORT YATES	MAX	74	82	81	83	79	79	73	73	80	85	86	83	81		92	86	85	82	76	82	83	85	91	91	92	88	85	70	81	75	82	82.2
	MIN	53	54	51	55	57	55	54	55	50	51	59	57	53		63	56	57	56	54	50	51	50	63	54	54	64	57	57	56	62	53	55.4
FOXHOLM 7 N	MAX	73	78	72	71	71	70	73	72	79	84	84	81	80	87	84	82	77	73	77	84	83	88	85	87	90	85	71	73	84	83	84	79.5
	MIN	51	43	52	54	55	46	50	56	55	52	59	54	47	62	61	55	55	55	55	53	50	52	61	54	60	55	48	54	55	60	53	53.9
FULLERTON	MAX	81	80	81	87	79	78	71	69	80	86	87	85	80	91	85	84	83	79	75	78	79	84	87	85	84	87	80	73	82	75	81	81.2
	MIN	59	51	57	57	61	48	55	55	52	54	58	60	53	58	62	56	58	57	50	55	52	53	54	58	59	65	56	56	53	61	55	56.1
GACKLE	MAX	74	74	76	76	74	71	71	68	78	86	85	81	82	88	85	84	81	75	74	76	78	83	87	84	84	83	84	70	80	75	80	78.9
	MIN	58	57	59	57	58	50	54	53	50	54	56	59	51	59	54	51	54	54	53	50	53	54	57	56	61	61	54	53	54	58	54	55.0

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	77	72	69	72	72	67	65	73	73	78	81	85	78	79	88	79	83	79	71	77	80	81	85	86	86	97	80	71	64	80	78	77.6
	MIN	48	47	55	54	51	50	54	53	53	53	57	55	56	60	56	53	53	54	51	57	54	55	62	52	61	59	47	54	55	58	54	54.2
GRAFTON	MAX	76	72	70	80	76	71	70	73	78	85	85	81	78	81	82	83	80	74	75	75	80	83	86	85	79	76	73	72	75	82	80	77.9
	MIN	52	46	52	56	56	48	53	53	53	57	59	57	54	55	56	57	57	54	52	52	51	50	54	58	55	58	46	47	45	60	54	53.5
GRAND FORKS CAA AP	MAX	76	72	63	82	72	76	68	71	81	86	86	79	80	84	81	85	78	79	76	79	83	88	86	81	81	77	73	73	83	79	81	78.7
	MIN	54	47	53	58	52	47	52	53	50	56	59	54	52	54	60	57	57	57	53	51	50	51	55	57	57	55	47	49	47	62	55	53.6
GRAND FORKS UNIVERSITY	MAX	77	73	68	82	78	72	68	70	81	86	86	79	79	84	83	84	77	75	75	76	80	84	81	82	80	76	73	72	79	79	80	78.0
	MIN	55	49	56	58	57	48	55	54	50	58	60	60	52	55	60	56	58	57	54	53	51	53	55	57	58	58	47	51	47	62	56	54.8
GRAND RAPIDS 1 N	MAX	77	79	80	85	82	76	70	69	81	84	85	80	79	90	88	84	82	78	74	78	80	84	87	85	84	84	82	74	83	76	84	80.8
	MIN	56	50	56	59	57	48	53	52	50	53	56	50	46	57	60	55	53	55	53	48	49	54	56	55	58	58	57	54	51	60	51	53.9
GRANVILLE	MAX	74	72	68	72	69	68	69	73	79	82	84	78	88	87	80	82	77	74	74	80	80	84	85	84	93	83	71	72	81	81	82	78.3
	MIN	48	56	54	53	55	51	52	55	56	56	60	54	50	60	60	54	58	55	64	59	53	55	63	54	64	59	45	56	58	57	52	55.7
GRENORA	MAX	74	76	74	68	67	71	73	73	81	83	82	82	85	88	82	81	75	75	79	82	84	91	90	93	92	88	72	65	78	81	87	79.7
	MIN	45	44	52	51	50	51	51	53	50	52	57	52	53	62	60	51	52	49	45	50	49	58	57	57	56	55	47	51	50	56	53	52.2
HANKINSON R R STATION	MAX	82	84	78	78	78	80	75	68	66	80	85	86	83	73	88	83	85	81	81	72	75	80	84	82	85	76	85	75	70	78	68	78.8
	MIN	60	56	59	61	60	49	57	54	51	60	60	62	56	54	64	58	60	53	55	53	50	54	58	61	60	59	57	56	50	58	55	56.8
HANNAH	MAX	76	74	69	71	68	70	68	72	78	80	82	76	77	83	79	78	77	74	73	72	77	81	83	78	75	71	67	77	75	78	78	75.4
	MIN	45	42	49	51	54	42	54	53	49	50	50	55	47	58	55	55	57	52	55	53	47	53	56	54	55	58	42	41	45	56	45	50.9
HANSBORO	MAX	70	72	60		73	69	67	72	79	80	82	75	77	84	75	78	76	70	74	73	78	81	82	80	80	72		73	76	81	79	75.4
	MIN	47	42	52		51	47	43	52	53	54	57	55	50	57	58	53	55	52	57	54	50	53	60	56	57	57		42	46	57	46	52.2
HETTINGER	MAX	75	74	74	76	74	76	72	74	76	86	84	78	82	90	81	85	79	78	78	82	81	89	90	90	95	85	78	78			78	80.6
	MIN	51	54	54	49	50	54	54	49	48	56	58	58	58	58	61	53	50	50	48	54	49	53	59	49	63	59	53	53	53	57	51	53.7
HILLSBORO	MAX	77	74	72	83	78	72	69	69	82	87	88	86	80	82	83	87	73	69	67	67	75	79	76	83	82	79	79	75	74	75	72	77.2
	MIN	50	54	55	57	55	47	54	52	51	56	55	59	53	54	56	49	58	50	51	51	53	56	54	54	54	60	54	54	53		59	53.9
JAMESTOWN CAA AP	MAX	72	72	71	81	71	70	68	66	79	84	85	82	79	87	80	83	81	72	73	76	79	84	86	85	84	82	78	70	80	73	81	77.9
	MIN	54	49	55	57	53	48	52	54	51	58	56	57	53	57	62	56	58	57	54	50	51	52	55	57	60	62	58	54	52	59	55	55.0
JAMESTOWN STATE HOSP	MAX	79	77	75	82	79	73	67	69	78	84	85	82	80	88	87	85	83	74	74	76	78	84	87	84	86	82	78	72	81	77	79	79.5
	MIN	57	51	55	57	57	51	53	53	52	56	57	61	54	58	63	56	60	57	55	52	52	53	55	58	62	62	58	54	53	59	57	56.1
KENMARE	MAX	76	70	77	58	68	68	69	73	73	78	85	83	78	80	87	77	80	76	72	75	80	82	87	82	86	85	72	67	70	81	80	76.6
	MIN	48	47	55	52	52	50	53	54	55	55	60	51	50	58	58	55	55	52	50	52	55	57	60	55	58	55	47	52	49	59	52	53.6
KENSAL WILDLIFE REFUGE	MAX	77	78	70	82	75	73	70	75	81	85	88	85	80	87	84	86	82	78	78	78	83	85	88	86	88	87	87	74	82	75	84	81.0
	MIN	45	45	56	54	64	45	51	56	50	56	55	57	45	59	50	53	60	55	52	48	48	52	57	53	58	53	53	55	54	61	51	53.3
LANGDON EXP FARM	MAX	75	70	66	73	69	70	65	75	78	82	83	80	75	82	80	80	78	76	73	73	77	82	85	83	80	75	70	71	75	80	78	76.1
	MIN	49	43	50	50	52	42	50	51	48	53	55	54	48	56	55	53	55	56	55	51	50	53	55	53	55	57	44	45	46	57	47	51.2
LARIMORE	MAX	77	75	70	83	79	73	78	70	77	85	87	79	80	87	84	85	82	76	75	78	80	84	86	85	89	85	76	74	81	78	83	80.0
	MIN	52	49	55	56	57	46	52	49	53	52	58	60	54	55	63	58	56	56	55	56	53	50	53	59	58	58	48	52	44	60	56	54.3
LEEDS	MAX	76	71	69	74	71	69	68	73	82	83	84	79	78	88	84	83	79	72	76	76	79	83	85	85	92	90	72	73	78	83	81	78.6
	MIN	50	45	53	52	52	48	48	48	53	56	58	55	49	60	58	59	59	52	56	55	49	51	62	55	61	60	46	52	52	62	48	53.7
LINTON	MAX	79	72	76	80	78	73	72	80	81	91	84	83	81	91	87	85	82	83	75	82	83	87	92	89	90	88	72	68	81	77	83	81.5
	MIN	51	52	57	58	54	55	52	49	51	52	60	52	53	63	61	53	56	52	55	50	49	53	62	50	63	64	53	53	54	63	55	55.0
LISBON	MAX	79	78	77	84	80	73	71	67	78	84	86	83	78	86	84	85	84	77	71	75	78	82	81	85	84	80	79	71	79	78	80	79.3
	MIN	56	50	58	63	62	46	55	54	50	56	55	62	53	55	55	56	59	55	57	49	50	49	55	58	57	60	58	55	49	60	53	55.2
LOSTWOOD 12 N	MAX																																
	MIN																																
MADDOCK AGR SCHOOL	MAX	75	72	69	75	72	72	72	73	80	83	84	79	78	89	86	82	79	74	76	77	79	82	85	84	92	85	79	72	76	80	81	78.8
	MIN	53	46	54	52	52	47	48	53	53	56	60	56	49	58	59	54	59	55	55	51	51	51	50	55	61	60	45	55	46	51	42	52.8
MANDAN EXP STATION	MAX	76	72	69	75	76	70	73	74	71	78	83	84	79	78	87	76	82	79	70	73	80	79	84	88	87	93	80	72	65	81	75	77.7
	MIN	57	51	56	55	55	51	55	55	53	54	58	59	54	64	63	54	55	54	56	55	52	52	61	52	64	62	57	55	53	62	57	56.2
MANDAN FT LINCOLN PARK	MAX	75	78	77	80	82	78	75	73	80	84	85	87	79	88	86	88	81	78	75	83	81	84	90	87	94	90	76	67	80	76	84	81.3
	MIN	54	48	53	50	52	48	52	52	53	50	52	55	52	61	60	62	53	51	53	52	49	50	53	54	60	59	55	52	50	58	56	53.5
MARMARTH	MAX	76	72	72	80	72	78	74	72	82	88	86	80		92	88	86	82		78	85	85	90	90									
	MIN	47	43	44	49	59	60	56	56	48		51	61	62	61	64				48	51	50	64	65									
MAX	MAX	75	71	71	65	72	69	64	73	71	79	83	85	78	78	89	73	84	78	70	75	80	80	84	84	86	95	78	71	70	78	80	77.1
	MIN	49	49	54	53	53	50	51	53	53	53	57	57	52	59	58	53	55	55	54	54	53	54	58	54	63	58	49	53	54	60	56	54.3
MAYVILLE	MAX	74	74	76	83	78	68	68	69	76	84	84	84	83	86	83	84	77	73	74	77	80	81	82	82	84	79	75	74	80	78	81	78.4
	MIN	57	54	50	58	59	48	54	55	51	58	60	60	53	53	61	57	60	54	52	54	55	57	54	58	57	58	52	51	44	62	57	55.3
MC CLUSKY	MAX	72	72	70	74	70	69	73	70	80	84	86	80	81	88	82	85	80	74	71	78	80	85	85	87	92	86	75	72	81	78	82	78.8
	MIN	51	48	52	53	52	48	48	52	50	54	57	57	51	52	59	52	55	53	53	54	49	53	53	53		58	63	52	53	58	54	53.2
MC HENRY 5 N	MAX	73	71	65	78	67	68	63	69	78	82	83	78	78	85	80	83	80	70	72	76	78	82	85	82	88	78	75	73	80	75	80	76.6
	MIN	54	47	53	54	54	43	49	52	50	54	56	58	50	55	60	53	58	52	53	48	49	50	55	56	59	58	47	53	48	59	51	52.8
MC LEOD 3 E	MAX	83	78	78	81	80	80	74	73	80	85	88	85	77	83	85	87	82	79	75	75	80	82	85	87	85	72	76	74	79	73	75	79.9
	MIN	58	48	56	52	60	47	60	55		57	57	60	52	57	52	62	57	55	51	50	48	50	58	64	60	58			50	55	60	55.3
MC VILLE	MAX	76	73	65	78	69	69	65	69	78	82	84	81	79	88	86	84	79	74	73	77	79	84	85	83	88	83	75	75	81	76	82	78.1
	MIN	53	49	54	56	55	44	50	54	49	54	57	57	48	54	59	52	58	55	56	48	49	49	54	54	58	58	47	53	46	60	52	53.0
MEDORA 3 NNE	MAX	76	75	75	77	77	74	74	72	82	89	85	82	87	92	90	88	82	76	80	85	86	91	91	97	101	95	80	68	84	84	84	83.2
	MIN	46	44	55	51	50	55	56	50	46	48	57	59	51	62	59	48	48	53	44	45	44	52		47	65	56	56	55	48	47	51	51.6
MINOT CAA AP	MAX	73	73	59	70	67	66	70	71	79	84	84	78	79	88	79	82	76	70	75	79	79	84	86	87	92	75	68	69	79	81	81	76.9
	MIN	52	49	52	53	53	48	54	54	55	58	63	55	51	60	59	53	56	55	55	58	54	59	60	54	62	53	47	55	56	60	53	55.0
MINOT EXP STATION	MAX	76	71	75	57	71	67	67	72	73	79	83		77	78	88	78	81	76	71	76	79	79	84	85	88	91	76	68	71	80	80	76.6
	MIN	48	46	55	52	54	49	53	56	53	57	61		51	61	61	55	57	56	54	57	52	55	63	56	69	60	46	55	56	61	52	55.4
MOFFIT 4 SE	MAX	75	72	74	79	74	72	70	70	78	83	83	83	78	86	86	81	82	78	72	77	77	85	85	85	89	87	80	71	80	77	81	79.0
	MIN	59	47	54	53	51	49	53	53	47	51					59	50	56	50	54	56	55	50	55	48	60	59	60	53	52	59	50	53.4
MOHALL	MAX	73	77	72	69	70	70	74	72	80	84	82	83	79	88	83	80	76	72	77	80	83	86	83	86	85	80	68	72	80	81	82	78.3
	MIN	49	47	52	51	53	48	52	50	54	57	60	54	49	60	59	55	55	52	53	56	52	53	60	55	61	60	46	47	57	59	52	53.8
MOTT	MAX	74	67	78	79	73	71	71	71	79	84	81	81	82	90	79	83	79	72	75	81	80	85	88	89	97	84	74	63	81	73	79	78.8
	MIN	52	50	50	51	51	54	55	47	49	49	59	54	51	60	57	52	49	50	47	49	46	51	56	47	65	59	54	53	51	56	51	52.4
MUNICH 4 SW	MAX	70	70	66	65	69	67	62	72	77	80	82	78	74	80	80	78	76	75	72	74	76	78	83	79	80	70	69	72	74	79	77	74.3
	MIN	46	42	46	49	48	43	47	48	46	49	55	50	43	57	52	48	52	47	51	47	46	49	51	48	46	52	39	40	50	53	41	47.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	78	72	75	77	79	72	69	69	78		85	82	80		85	84	82	73	75	76	78	84	87	86	87	83	78	69	80	77	81	78.7
	MIN	59	51	55	56	55	50	53	54	52	54	57	59	52		63	65	60	55	55	50	52	50	50	53	50	61	57	55	53	60	54	55.0
NEW ENGLAND	MAX	74	72	73	77	72	69	70	72	78	85	83	80	83	91	85	84	81	72	77	82	81	87	89	92	98	85	78	63	80	75	80	79.6
	MIN	48	52	54	51	50	54	54	48	50	49	58	60	53	60	55	52	51	52	53	50	48	55	57	50		58	53	53	51	58	51	52.9
NEW SALEM 1 S	MAX	73	64	77	77	84	70	73	74	79	83	84	80	78	90	81	84	79	77	75	81	79	86	87	86	93	87	82	69	78	75	75	79.4
	MIN	52	51	54	54	52	48	53	53	51	57	58	55	53	60	61	55	52	50	52	55	51	56	59	57	60	60	59	52	58	52	52	54.6
NEWTOWN	MAX	70	74	68	71	68	66	74	73	80	83	84	80	79	86	80	82	78	70	75	81	82	86	84	89	93	87	69	65	78	81	82	78.0
	MIN	47	44	54	53	54	50	54	57	54	52	57	57	54	60	60	53	57	53	51	53	50	56	59	61	63	57	46	54	54	60	49	54.3
OAKES	MAX	79	79	76	77	83	75	72	68	68	77	81	82	80	76	86	81	82	81	75	72	75	76	81	84	83	82	84	72	68	79	67	77.5
	MIN	61	52	59	61	61	50	55	56	53	58	60	62	54	59	65	58	58	56	55	52	52	54	55	59	59	64	56	56	57	61	55	57.2
PARK RIVER	MAX	77	74	73	79	76	74	71	70	80	83	85	83	80	83	84	82	80	76	76	76	80	83	87	86	80	81	73	73	79	82	80	78.9
	MIN	53	47	52	55	56	46	54	55	56	61	61	60	55	54	57	58	58	57	55	55	53	54	56	60	57	60	50	50	47	61	55	55.1
PARSHALL	MAX	74	74	66	71	68	69	73	72	79	82	83	78	79	87	84	82	78	74	75	81	82	87	85	89	94	87	72	66	78	80	81	78.4
	MIN	42	42	54	51	50	50	52	54	50	52	55	52	50	61	58	62	52	54	47	49	49	54	57	50	64	55	44	53	54	60	51	52.5
PEMBINA 2 N	MAX																																
	MIN																																
PETERSBURG	MAX	79	71	70	78	76	70	68	71	79	84	85	87	79	86	87	83	80	76	73	76	79	83	85	89	87	84	77	75	79	78		79.1
	MIN	53	43	55	54	55	45	50	54	47	54	56	57	50	55	59	54	58	56	55	51	50	53	54	55	58	58	46	50	47	60		53.1
PETTIBONE	MAX	75	71	68	75	75	68	69	68	76	83	83	78	76	87	85	82	80	75	71	77	76	83	85	84	88	84	76	69	78	79	78	77.5
	MIN	56	49	58	59	54	48	49	53	52	54	58	59	51	59	58	53	57	56	55	53	57	53	59	55	61	59	55	53	56	59	55	55.3
PORTAL	MAX	70	75	77	58	68	70	68	80	73	79	85	81	77	81	86	76	71	78	71	77	84	84	87	80	86	82	68	66	71		78	76.2
	MIN	50	45	53	52	51	50	52	53	50	53	56	51	50	60	55	51	52	50	48	50	60	56	59	55	58	55	45	46	48		56	52.3
POWERS LAKE 1 N	MAX	69	74	67	68	66	67	72		78	82	81	78	78	83	78	80	82	68	78	78	79	83	80	85	84	80	65	65	77	78	80	76.1
	MIN	45	41	49	51	51	49	50	51	49	51	57	50	49	61	55	46	46	50	49	49	50	51	56	53	55	53	44	52	53	56	52	50.8
RAUB 10 SSW	MAX	73	72	74	75	72	69	73	71	79	83	85	79	80	90	83	83	79	69	75	82	81	88	87	90	98	80	70	63	79	77	82	78.7
	MIN	48	50	55	57	54	52	51	57	56	57	60	57	56	61	60	57	55	54	53	54	57	55	65	59	62	60	49	53	56	60	57	56.0
RICHARDTON ABBEY	MAX	73	72	76	76	74	68	71	68	76	85	84	80	81	91	88	84	80	72	75	81	82	88	87	90	99	94	78	63	80	75	82	79.8
	MIN	52	50	54	51	50	52	53	50	51	54	61	58	56	62	60	56	53	52	52	53	53	56	59	53	68	59	53	57	52	58	57	55.0
RIVERDALE	MAX	75	72	68	73	72	67	65	70	70	77	82	84	78	77	87	78	82	78	71	75	79	80	85	86	85	95	79	70	64	78	77	76.7
	MIN	54	50	54	54	54	50	53	54	56	57	58	59	51	56	61	55	59	58	54	54	50	55	61	57	63	59	50	54	54	60	55	55.5
ROLLA	MAX	69	71	65	69	67	68	67	71	78	81	81	77	76	84	75	78	75	69	72	72	75	80	81	80	80	74	67	72	75	78	78	74.4
	MIN	50	47	52	51	52	45	48	51	54	59	61	58	56	58	59	55	55	52	56	55	51	57	60	59	57	55	47	45	50	57	51	53.6
RUGBY	MAX	76	76	73	73	71	69	72	74	81	83	85	83	79	88	87	84	80	78	76	78	79	84	83	84	92	90	74	73	80	84	83	79.7
	MIN	49	53	53	53	53	50	52	53	53	56	60	56	53	62	60	53	59	54	54	56	55	56	62	56	64	62	47	54	56	62	53	55.5
SAN HAVEN	MAX	74	71	69	70	70	67	69	73	89	80	83	79	73	84	82	78	74	70	73	71	78	80	82	78	78	78	68	72	74	80	79	75.7
	MIN	52	49	52	52	50	51	52	53	55	57	61	58	54	59	61	56	57	52	51	55	53	54	60	58	60	59	45	49	55	52	51	54.3
SHARON	MAX	73	73	66	78	67	66	64	68	77	81	83	78	77	84	80	83	78	74	73	75	80	82	80	84	85	80	75	75	78	74	80	76.5
	MIN	54	55	55	51	52	48	51	54	51	55	59	59	50	59	62	53	58	55	54	50	51	53	57	57	58	59	49	52	49	60	54	54.3
STANLEY	MAX	70	75	64	69	67	66	74	71	78	81	82	78	81	83	80	78	80	69	73	79	79	85	81	86	87	75	67	65	78	79	81	76.2
	MIN	46	45	50	50	50	47	52	51	52	60	62	52	49	54	52	52	47	50	46	50	49	50	54	51	60	54	44	51	50	57	51	51.2
STEELE	MAX	75	71	68	79	75	72	72	71	72	83	85	82	78	87	85	79	82	78	71	78	78	83	87	86	85	84	77	71	80	78	80	78.5
	MIN	55	50	53	53	53	43	51	51	50	51	56	58	50	59	59	56	54	52	52	52	50	52	58	60	59	59	55	52	54	58	53	53.8
TIOGA 1 E	MAX	73	68	74	58	66	65	67	71	73	79	84	82	80	80	82	77	81	75	73	79	82	81	85	83	87	90	72	66	64	77	81	76.0
	MIN	46	45	54	54	53	47	52	54	50	48	55	49	52	61	60	51	51	47	45	48	45	57	58	52	58	52	40	51	54	58	48	51.5
TOWNER	MAX		74	66	73	72	74	69	74	80	85	86	82	85	88	83	85	85	72	78	84	85	86	82	87	92	82	73	72	78	84	85	80.0
	MIN	52	42	50	51	49	47	49	48	48	50	53	50	58	57		54	53	57	49	51	47	58		49	58	55	41	52	52		46	50.9
TURTLE LAKE	MAX			72	74	69	70	72	71	78	83	81	85	78	87	84	80	74	74	79	81	86	86	89	93	85	75	69	79	77	81	83	79.1
	MIN			53	54	49	53	50	53	53	54	57	56	51	56	53	55	54	55	55	51	55	52	56	63	58	50	53	55	59	54	55	54.2
UNDERWOOD	MAX	76	71	70	65	74	66	67	70	72	78	84	84	78	79	87	77	81	78	70	75	78	80	83	85	86	93	80	72	67	79	78	76.9
	MIN	50	46	52	50	50	48	49	50	50	51	58	54	52	56	57	52	53	51	50	53	52	52	50	52	60	56	47	51	51	58	54	52.1
UPHAM 3 N	MAX	78	76	72	72	71	71	73	74	82	85	84	78	80	88	86	85	81	75	77	79	80	83	83	83	86	81	72	73	81	83	82	79.2
	MIN	46	48	54	55	55	51	52	53	50	53	56	49	50	60	58	50	55	50	54	56	55	54	63	51	63	58	43	53	50	62	50	53.5
VALLEY CITY	MAX	77	75	74	85	80	71	72	70	79	85	86	85	80	87	85	85	83	75	73	77	77	83	85	85	85	83	80	72	87	73	82	79.9
	MIN	57	49	57	62	58	46	52	53	52	56	55	61	54	55	65	56	61	54	55	50	51	48	55	58	61	63	58	54	53	60	57	55.7
VELVA	MAX	75	73	69	72	68	67	72	72	79	82	82	79	78	88	86	80	76	71	72	77	78	83	83	84	92	82	75	69	78	79	80	77.5
	MIN	51	47	55	54	55	49	51	56	54	57	59	55	48	60	60	54	57	56	54	57	51	53	65	54	64	59	48	55	58	62	51	55.1
WAHPETON STATE SCHOOL	MAX	86	81	77	78	83	76	76	69	83	87	89	86	77	83	87	86	85	80	74	76	82	85	83	89	84	87	83	77	81	78	81	81.6
	MIN	57	47	58	60	58	44	57	52	49	56	57	58	50	53	62	54	57	54	53	51	48	50	56	55	57	58	54	53	49	58	52	54.1
WASHBURN	MAX	73	70	74	75	74	70	70	73	79	82	85	85	78	89	85	83	82	75	75	81	81	84	88	85	83	83	79	71	80	78	80	79.0
	MIN	50	48	53	54	52	48	51	52	52	54	54	57	51	54	59	52	54	52	52	54	49	52	61	53	60	58	51	50	52	58	53	53.2
WATFORD CITY	MAX	73	76	68	71	70	70	72	73	81	88	85	83	86	89	80	84	76	72	78	82	86	91	85	95	94	84	67	63	79	81	85	79.6
	MIN	46	45	54	52	53	54	56	57	55	53	58	56	54	62	63	51	53	52	51	52	51	58	64	54	66	61	49	53	51	59	56	54.8
WATFORD CITY 14 S	MAX	76	73	72	75	74	71	73	74	81	89	89	82	86	90	89	85	78	76	78	82	86	90	91	95	95	95	77	63	80	80	84	81.6
	MIN	45	47	45	53	53	56	56	57	50	53	60	56	57	62	61	51	53	54	51	51	51	59	61		66	58	54	54	54	60	56	54.8
WESTHOPE	MAX	72	75	60	68	72	67	71	73	80	85	84	78	78	87	81	83	77	77	75	78	79	81	81	82	85	78	69	70	77	78	80	76.8
	MIN	48	45	52	54	51	51	51	52	51	51	56	51	49	59	55	51	54	51	52	55	54	55	60	51	60	52		44	53		50	52.3
WILLISTON WB CITY	MAX	71	75	62	70	68	70	72	73	80	88	84	81	85	87	81	81	78	73	77	82	82	90	84	94	90	71	66	64	77	82	86	78.2
	MIN	47	48	55	53	53	57	55	56	54	56	59	56	62	66	61	56	58	53	52	54	54	61	65	57	66	56	50	54	52	58	57	56.2
WILLISTON EXP FARM	MAX															83				76	81		88	83	92	94	82	64	63	75	81	88	
	MIN															62				52	53		58	61	55	65	56	46	54	51	56	53	
WILLOW CITY	MAX	77	75	68	72	72	69	75	75	81	85	86	79	78	87	81	85	80	73	77	79	80	85	82	85	91	81	74	72	78	84	82	79.0
	MIN	49	44	52	53	54	45	47	50	53	54	55	53	48	57	59	52	58	53	52	54	48	55	60	54	60	57	46	44	52	60	48	52.5
WILTON	MAX	72	68	73	73	71	68	69	70	77	83				78	76	81	78	71	72	77	77	85	85	86	91	84	75	64	78	75	81	76.4
	MIN			50	49	48	49	49	49	49	49				50	60												62	60				
WISHEK	MAX	74	73	75	77	74	74	68	69	77	82	83	81	77	88	86	82	82	77	71	76	78	83	89	86	83	84	82	70	79	76	79	78.5
	MIN	57	51	55	53	54	50	52	53	51	50	56	59	51	59	58	55	56	55	54	48	46	50	56	56	60	68	55	55	52	60	54	54.5

See reference notes following Station Index.

EVAPORATION AND WIND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.34	.16	.05	.27	.09	*	*	.22	.19	-	.19	.19	.21	.22	.28	.25	.24	.13	.14	.26	.07	.21	.24	.22	.24	.15	.19	.18	.21	.11	.21	5.648
	WIND	49	21	54	61	27	23	20	30	35	38	23	28	28	41	50	56	38	36	21	17	12	18	32	35	55	41	33	29	35	25	24	1035
DICKINSON EXP STATION (A)	EVAP	.21	.24	.05	.18	.21	.22	.12	.28	.10	.16	.22	.14	.13	.27	.25	.11	.29	.21	.19	.18	.24	.21	.36	-	.29	.20	.17	.18	.11	.16	.12	5.998
	WIND	110	40	150	100	105	100	95	175	65	50	50	60	40	160	90	50	90	85	115	80	70	70	180	190	85	75	50	120	140	95	85	2970
EDGELEY EXP FARM	EVAP	.23	.32	.20	.10	.33	.28	.44	.12	.13	.22	.24	.27	.16	.36	.22	.22	.29	.25	.30	.14	.14	.23	.22	.26	.31	.16	.32	.20	.13	*	.29	7.08
	WIND	312	38	42	18	77	58	71	61	76	37	22	32	51	40	56	42	43	48	48	48	28	12	37	76	47	70	77	44	45	62	42	1760
MANDAN EXP STATION (A)	EVAP	.18	.24	.12	.08	.15	.19	.14	.16	.13	.15	.17	.18	.21	.26	.19	.16	.19	.22	.18	.12	.17	.18	.22	.24	.20	.30	.26	.21	.08	.17	.08	5.53
	WIND	73	74	112	98	59	80	93	103	90	48	30	41	68	98	72	45	52	74	120	69	47	33	66	115	122	95	181	61	44	120	67	2450
RIVERDALE	EVAP	.20	.29	-	.16	.20	.17	.03	.45	.11	.26	.17	.23	.29	.30	.32	.31	.30	.30	.13	.21	.23	.27	.48	.32	.31	.32	.38	.27	.08	-	.21	7.808
	WIND	51	45	120	121	53	68	59	97	45	24	26	30	55	131	75	49	67	86	127	[illegible]	[illegible]	62	106	73	134	113	109	69	97	148	74	2432
WILLISTON EXP FARM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	.87	.19	.29	*	.63	.44	.41	.40	.44	.11	.08	.18	.17	.30	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	278	44	52	*	33	82	36	62	111	25	64	27	26	50	-

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	96 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose 3 N	0169	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gehnke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0283	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoren	2 3 5
Ashley	0362	McIntosh	6	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	46 30	100 36	1458		9A	Temple E. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Rnm.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2563	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	46 19	101 44	2060		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1760	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1800	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		6A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0985	Bowman	3	46 11	103 23	2980	5P	5P	D. H. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Donagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Bannon	3
Breien	1052	Morton	1	48 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry H. Harris	C
Carrington	1380	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willis Bansen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1688	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Donald M. Marson	2 3 5
Courtenay	1818	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2385	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 37	97 38	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2787	Benson	11	48 02	99 46	1650		MID	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	8P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	8P	F. D. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Heierle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3528	Mercer	6	47 10	102 03	1870		8P	Robert B. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3618	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3821	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3685	La Moure	5	48 28	98 21	1360	6P	6P	Albert J. Nenn	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjornlie	C
Granville	3886	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edmel G. Crist	3
Grenora	3738	Williams	8	48 37	103 58	2114	10P	10P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	48 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3848	Dunn	6	47 21	102 20	2048		8P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3928	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Dishner	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes R R	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Hettinger 17 W	4186	Adams	1	46 15	102 39	2810		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	98 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4846	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4858	Stutsman	5	47 16	98 52	1440	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 NE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	8	48 45	88 20	1815	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 10 N	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	48 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		8P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1804	8P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5518	Dunn	8	47 14	102 46	2218		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. B. Schafer	2 3 5
Mayville	5880	Traill	0	47 30	97 19	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 58	-		MID	L. E. Brickson	C
McHenry 5 W	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	88 10	1487	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	98 19	1785		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5893	Ward	12	48 10	101 16	1720	6A	6A	N.D. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	6	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	Grover Fulton	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	46 36	96 53	1596	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Alvin B. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Ganbe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	46 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1650		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	96 44	1506		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	96 05	1320	8A	6A	E. Carrin Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	6	47 57	102 06	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	48 11	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl B. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schelienbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7832	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2862		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Stanley J. Vechal	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondeg	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Eilinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John D. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Oehsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren D. Teng	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 38	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	8	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil H. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Horlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ole Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3
Williston Exp Farm	8430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

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‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

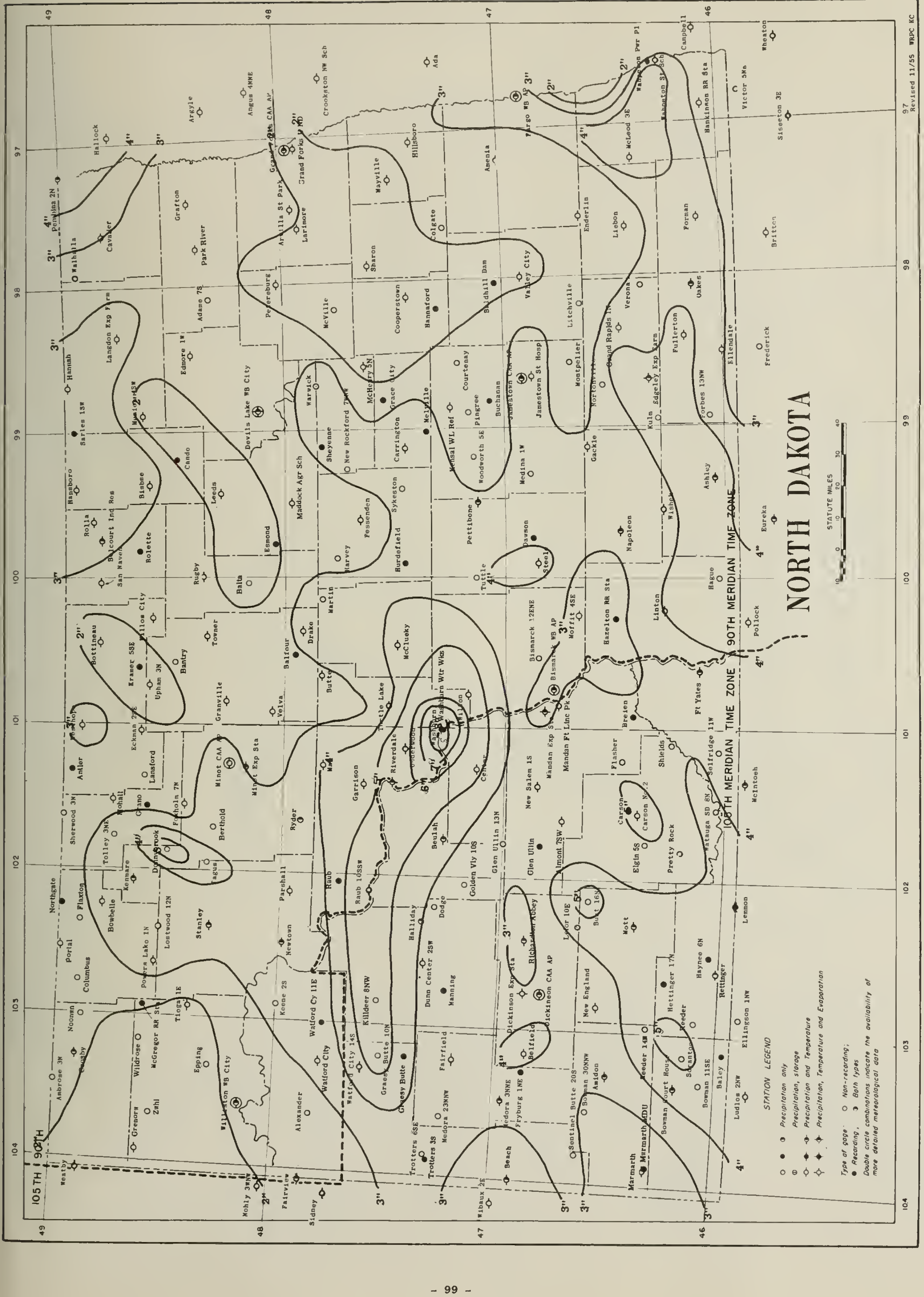
-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents.

Subscription Price: 20 cents per copy; monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

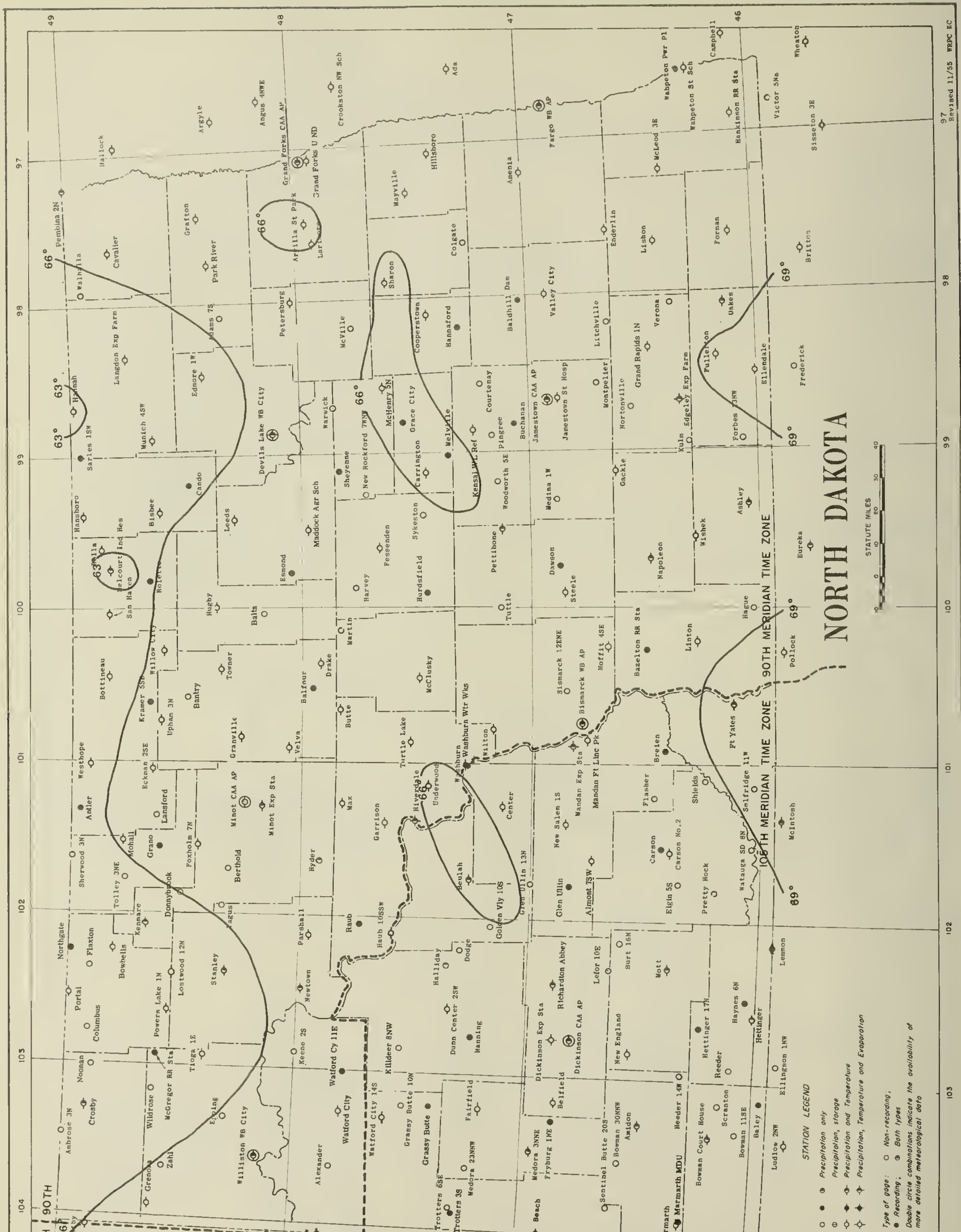
NWRC, Asheville, N. C. -- 8-29-56 -- 880

In this issue of the Climatological Data for North Dakota there is inaugurated a new presentation of precipitation and temperature data for the state. In January 1956 the decision to abandon the State means of temperature and precipitation was reached after careful consideration and consultation with the Advisory Committee on Climatology. Political subdivisions generally bear no relation to natural regions of topography, vegetation or atmospheric circulation, and averages of climatic data over such areas do not form a valid time series. In addition the number and location of stations change from year to year. The charts presented herein give a general picture of the distribution of precipitation and temperature over the state.



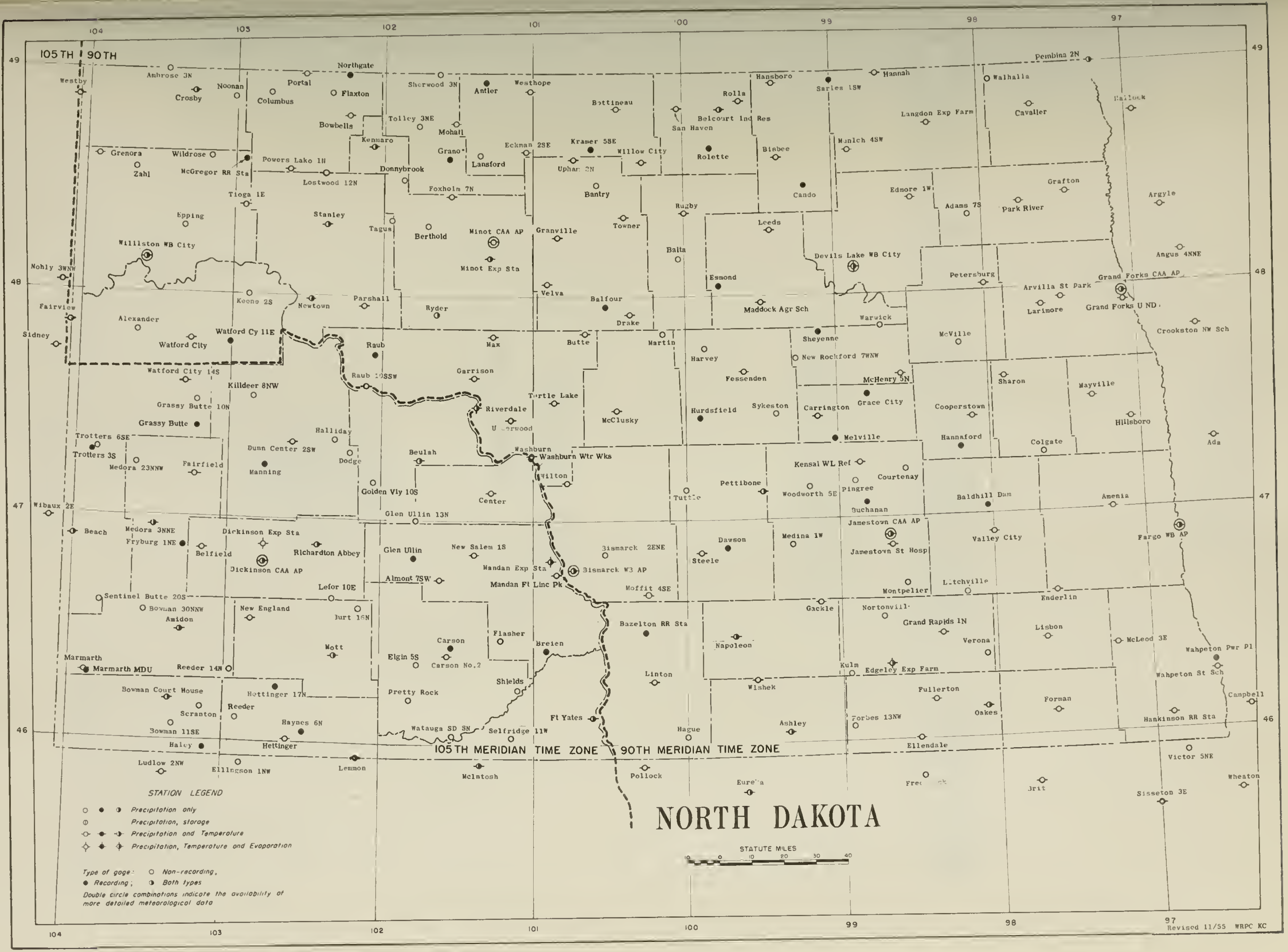
TOTAL PRECIPITATION - JULY 1956

Isolines are drawn through points of approximately equal values. For further explanation see note following "Reference Notes".



MEAN TEMPERATURE - JULY 1956

Isolines are drawn through points of approximately equal values. For further explanation see note following "Reference Notes".


NORTH DAKOTA
105TH
90TH
105TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
104
103
102
101
100
99
98
97
49
48
47
46
Westby
Ambrose 3N
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Bowbells
Sherwood 3N
Tolley 3NE
Mohall
Antler
Westhope
Kenmaro
Grano
Lansford
Eckman 2SE
Upham 2N
Kramer 5SE
Willow City
Bottineau
San Haven
Belcourt Ind Res
Rolla
Rolette
Hansboro
Sarles 1SW
Hannah
Bisbee
Cando
Munich 4SW
Langdon Exp Farm
Walhalla
Cavalier
Pembina 2N
Hallock
Grenora
Zahl
Wildrose
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Foxholm 7N
Bantry
Towner
Rugby
Tioga 1E
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Minot Exp Sta
Granville
Velva
Balta
Leeds
Esmond
Maddock Agr Sch
Devils Lake WB City
Edmore 1W
Adams 7S
Park River
Grafton
Argyle
Angus 4NNE
Petersburg
Arvilla St Park
Larimore
Grand Forks CAA AP
Grand Forks U ND
Crookston NW Sch
Williston WB City
Nohly 3WNW
Fairview
Sidney
Alexander
Keene 2S
Newtown
Parshall
Ryder
Balfour
Drake
Watford Cy 11E
Watford City
Watford City 14S
Raub
Raub 10SSW
Max
Butte
Martin
Harvey
Fessenden
Sheyenne
New Rockford 7WNW
Warwick
McVille
Killdeer 8NW
Grassy Butte 10N
Grassy Butte
Garrison
Turtle Lake
Riverdale
Underwood
McClusky
Hurdsfield
Sykeston
Carrington
McHenry 5N
Grace City
Cooperstown
Sharon
Mayville
Hillsboro
Ada
Trotters 6SE
Trotters 3S
Medora 23NNW
Fairfield
Dunn Center 2SW
Manning
Halliday
Dodge
Beulah
Washburn
Washburn Wtr Wks
Wilton
Golden Vly 10S
Center
Tuttle
Pettibone
Woodworth 5E
Kensal WL Ref
Pingree
Courtenay
Melville
Hannaford
Colgate
Buchanan
Baldhill Dam
Amenia
Wibaux 2E
Beach
Medora 3NNE
Fryburg 1NE
Belfield
Dickinson Exp Sta
Dickinson CAA AP
Richardton Abbey
Glen Ullin 13N
Glen Ullin
New Salem 1S
Mandan Exp Sta
Mandan Ft Linc Pk
Bismarck 2ENE
Bismarck WB AP
Almont 7SW
Lefor 10E
Dawson
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Sentinel Butte 20S
Bowman 30NNW
Amidon
New England
Burt 16N
Moffit 4SE
Montpelier
Litchville
Gackle
Enderlin
Marmarth
Marmarth MDU
Reeder 14N
Mott
Carson
Elgin 5S
Carson No.2
Flasher
Breien
Bazelton RR Sta
Napoleon
Nortonville
Grand Rapids 1N
Verona
Lisbon
McLeod 3E
Wahpeton Pwr Pl
Wahpeton St Sch
Bowman Court House
Scranton
Reeder
Hettinger 17N
Pretty Rock
Shields
Linton
Wishek
Kulm
Edgeley Exp Farm
Fullerton
Forman
Oakes
Campbell
Bowman 11SE
Haley
Haynes 6N
Hettinger
Watauga SD 5N
Selfridge 11W
Ft Yates
Hague
Ashley
Forbes 13NW
Ellendale
Hankinson RR Sta
Ludlow 2NW
Ellingson 1NW
Lemmon
McIntosh
Pollock
Eureka
Frederick
Britton
Victor 5NE
Sisseton 3E
Wheaton
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-◇- -◆- -◈- Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording, ● Recording; ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
STATUTE MILES
10 0 10 20 30 40
Revised 11/55 WRPC KC

551.05
UNNT
v.65
no.8

~~Nat. Hist~~.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

AUGUST 1956
Volume LXV No. 8

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WEATHER SUMMARY

August was a very pleasant month. Temperatures varied frequently and averaged slightly warmer than in July. The occasional showers benefited the crops but caused brief delays in harvest operations.

Brief cool and warm spells alternated during August. The warmer days were the 5th, 15th, and 24th to 28th, when maximums rose to near or slightly above 90 degrees. Most stations registered their highest temperatures on one or more of the above dates. Some stations in the extreme northeast, several stations in north central North Dakota, and a few stations in the southeast registered monthly maximums in the upper 80's. Elsewhere in the State, temperatures reached 90 degrees or higher on one or more days. Maximums of 95 degrees or higher occurred at a few stations in the extreme west and at several east central localities. The highest temperature for the State, 98 degrees, occurred at Cooperstown and at Mandan Fort Lincoln Park on the 15th. The coolest days of the month were the 10th, 11th, 17th to 21st, and 31st. Most stations registered their lowest temperatures during the period 19th to 21st. Monthly minimum temperatures ranged, in general, from near freezing over north central North Dakota, at several west central stations, and at a few scattered localities, to the lower 40's along the extreme eastern edge of the State, in the extreme southwest, at Raub, and at Riverdale. The lowest temperature for the State, 30 degrees, occurred at Towner on the 20th. A review of past records shows that this was the lowest August temperature registered in North Dakota since 1950; also that temperatures exceeding 100 degrees have been registered in every August since 1950 except 1956. Monthly mean temperatures ranged from 61.1 degrees at Munich 4 SW to 69.6 degrees at Fullerton. Monthly mean temperatures were lower than the long-term means at all stations except Foxholm and Newtown. The greatest negative departures were over the southwestern counties. Monthly temperature departures ranged from +0.5 degrees at Foxholm to -6.4 degrees at Hettinger.

Light scattered showers fell on several days during the first week and a half of August, on the 17th and 18th, and during the last week. The heaviest rains occurred in connection with a deep low pressure area on the 31st. Park River received over four inches of rain from this storm. Monthly rainfall totals ranged from 0.79 inch at Flaxton to 6.03 inches at Grafton. Some vicinities that received generous rains during August were centered around Hankinson, McHenry, Pretty Rock, and Grand Forks. Rainfall was scanty in the Flaxton, Balta, Medora, and Hettinger vicinities. Several stations in north central North Dakota and a few stations in other parts of the State received less rainfall than usual for August, but a large majority of the stations received precipitation in excess of their long-term means. Precipitation departures ranged from -1.20 inches at Lisbon to +3.38 inches at Grafton. In general, the greatest positive departures were at stations in the northeast, southeast, south central, and southwest parts of the State.

The showers during August benefited corn, soybeans, sugar beets, potatoes, and pastures. Most corn needed two or three weeks of frost-free weather to reach maturity. In the earliest sections, 75 percent of the corn had dented. Although delayed by showers, the small grain harvest was completed over the south and was well underway over the north. Yields were poor to fair over the southwest but mostly good to excellent elsewhere. Rust was not serious except on some durum wheat. Frost caused some damage to corn and gardens on the 19th and 20th. Grasshoppers damaged flax, alfalfa, corn and soybeans in some sections. Fall plowing got underway in all parts of the State. Soil moisture was adequate in the extreme east but short in other sections of North Dakota. The frequent rains caused minor rises on most of the streams.

Lucius W. Dye, Climatologist
Weather Records Processing Center
U. S. Weather Bureau
Kansas City, Missouri

STORMS

On August 16 at about 7:45 p.m., a devastating hailstorm swept an estimated 600 square miles of farmland in Cavalier County. Accompanied by high winds that ripped roofs from farm buildings and reduced fields to bare stubble, the storm affected about 800 farms. About one-fourth of the area hit by the storm suffered total destruction, while the remainder had 50% damage or more. The storm reportedly started in the Brandon-Manitoba area and entered Cavalier County east of Hannah. It continued its path diagonally from the northwest corner of the county down to the southeast corner, cutting a swath of destruction up to ten miles wide in the Hannah, Wales, Dresden, Langdon, Osnabrock, and Milton areas. About 50% of the potential durum seed supply in Cavalier County was destroyed.

There were other hailstorms during the month but they were not so severe or widespread. Most general hailstorm days were 6-7th and on the 28th.

Severe windstorms occurred in Towner, Bottineau, Rolette, Ramsey, and Cavalier Counties during the evening of the 16th. Many barns and machine sheds were either completely demolished or badly damaged and many farm dwellings lost all or parts of their roofs and chimneys. Some of the most severe and costly damage occurred in newly cut grain fields with grain scattered and piled into fences, ditches, roads, and adjacent fields. Some fields were blown nearly clear of grain.

A tornado occurred in the west section of Fargo, Cass County, on August 30 at approximately 3:25 p.m. Power, telephone, and telegraph poles toppled in a snarl of wires and splinters. Southwest Fargo and West Fargo were without electric power for about three hours. Ten dwellings, several trailers, several farm buildings, and ten business places were seriously damaged or destroyed in a ten-block area. Two box cars were rolled off the Northern Pacific tracks, and at a trailer court, one trailer was tossed over another and demolished. Northern States Power Company sent 40 linemen into the area to repair power lines.

A number of other funnel clouds were sighted in southeastern North Dakota on the 30th but no damage was reported.

F. J. Bavendick
State Climatologist
U. S. Weather Bureau
Bismarck, North Dakota

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AP	WNW	11	9.4	57	W	27	76	88	47	46	3	6	5	2	0	0	16	73	5.3
DEVILS LAKE WB CITY	–	–	6.8	42	N	16	–	–	–	–	4	6	2	2	1	0	15	71	5.2
FARGO WB AP	N	14	12.1	62	SE	30	79	89	54	51	3	6	4	1	0	0	14	53	5.4
WILLISTON WB CITY	–	–	6.4	29	SE	25	–	84	44	43	5	7	3	0	0	0	15	68	5.6

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWESTERN DIVISION																								
BOWBELLS		79.8M	48.3M	64.1M		90	24	31	19	79	1	0	2	0	0.88		0.42	30	0.0	0		2	0	0
CROSBY		79.6	50.6M	65.1M	- 0.6	93	4	36	19	69	2	0	0	0	2.31	0.46	0.95	7	0.0	0		7	2	0
FOXHOLM 7 N		82.6M	52.9M	67.8M	0.5	92	24	33	20	36	4	0	0	0	1.98	- 0.12	0.59	1	0.0	0		6	2	0
GRENORA		81.6	51.5M	66.6M		93	16+			52	5	0		0	2.35		1.05	7	0.0	0			1	1
KENMARE	AM	79.6	51.9	65.8		92	25	37	19	57	1	0	0	0	2.24	0.34	1.36	1	0.0	0		5	1	1
LOSTWOOD 12 N																								
MINOT CAA AP		78.8	53.3	66.1		89	15+	36	20	63	0	0	0	0	1.79		0.64	7	0.0	0		3	2	0
MINOT EXP STATION	AM	79.1	56.6M	67.9M		90	16			13	1	0		0	2.53		0.90	1	0.0	0		4	2	0
MOHALL		79.3	52.3	65.8	- 1.0	89	15+	35	19+	52	0	0	0	0	2.63	0.45	1.15	1	0.0	0		9	1	1
NEWTOWN		81.7	52.7	67.2	0.2	92	16	36	20	43	3	0	0	0	1.62	- 0.06	0.55	30	0.0	0		5	1	0
PARSHALL		80.3	51.2	65.8		91	24	32	19	62	3	0	1	0	4.13	2.46	1.20	27	0.0	0		7	3	2
PORTAL	AM	78.7	51.3	65.0	- 0.3	92	17	40	20	62	1	0	0	0	1.53	- 0.74	0.71	1	0.0	0		4	1	0
POWERS LAKE 1 N		78.6M	49.4M	64.0M				31	19	88		0	1	0	1.42		0.35	28	0.0	0		5	0	0
STANLEY		79.1	49.3	64.2		90	16+	33	20	86	2	0	0	0	0.95		0.20	7	0.0	0		5	0	0
TIOGA 1 E	AM	80.0	50.0	65.0		93	17	37	20	71	3	0	0	0	1.99		1.15	7	0.0	0		2	2	1
WILLISTON WB CITY	R //	80.5	55.2	67.9	- 0.2	93	24	39	19	58	5	0	0	0	1.03	- 0.38	0.37	30	0.0	0		3	0	0
WILLISTON EXP FARM		81.6	53.9M	67.8M		95	16			53	4	0		0	1.62		0.53	28	0.0	0		3	1	0
DIVISION				66.0	- 0.5										1.94	0.00			0.0					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		78.2	48.6	63.4		90	5	31	20	78	1	0	1	0	2.84		0.88	5	0.0	0		5	2	0
BOTTINEAU	AM	79.7	50.1	64.9	- 1.6	91	6+	33	20	60	3	0	0	0	1.87	- 0.70	1.02	25	0.0	0		4	1	1
DRAKE	AM	79.5	53.7	66.6	- 0.9	92	16	38	20	46	1	0	0	0	2.46	0.37	1.52	31	0.0	0		3	1	1
ECKMAN 2 SE	AM	79.6M	50.4	65.0M	- 0.9	89	25	35	20	56	0	0	0	0	3.40		0.74	12	0.0	0		7	4	0
GRANVILLE		80.3	53.5	66.9	- 0.6	91	5+	34	20	43	3	0	0	0	3.15	1.01	0.75	25	0.0	0		8	2	0
LEEDS		80.6	52.0	66.3		90	5	33	20	48	1	0	0	0	2.03		1.05	31	0.0	0		3	1	1
MADDOCK AGR SCHOOL		81.4	50.8	66.1	- 1.6	92	15	33	20	48	2	0	0	0	1.74	- 0.35	0.95	31	0.0	0		4	1	0
ROLLA		76.5	53.5	65.0		90	5	38	20	56	1	0	0	0	2.68		0.87	5	0.0	0		7	2	0
RUGBY		82.0	53.9	68.0		93	5	37	20	32	4	0	0	0	1.53	- 0.68	0.61	31	0.0	0		4	1	0
SAN HAVEN		77.8	53.6	65.7	- 0.3	91	5	39	20	50	1	0	0	0	2.77	0.39	0.68	29	0.0	0		6	2	0
TOWNER		82.0	47.8	64.9	- 2.1	92	4+	30	20	68	4	0	1	0	1.88	- 0.36	1.10	29	0.0	0		5	1	1
UPHAM 3 N		81.8	51.6	66.7		92	24	34	20	37	3	0	0	0	2.12		0.54	1	0.0	0		9	1	0
VELVA		80.0	53.8	66.9	- 0.6	88	15+	35	20	39	0	0	0	0	2.41	0.30	0.67	29	0.0	0		5	2	0
WESTHOPE		77.9	51.6	64.8	- 2.1	89	15+	35	20	67	0	0	0	0	1.72		0.43	25	0.0	0		7	0	0
WILLOW CITY		79.8	50.3	65.1	- 0.9	91	15	40	21	54	2	0	0	0	2.15	0.11	0.53	8	0.0	0		6	2	0
DIVISION				65.8	- 0.9										2.32	0.06			0.0					
NORTHEASTERN DIVISION																								
ARVILLA STATE PARK		82.5	49.9	66.2		95	15	35	19	44	5	0	0	0	3.59		1.04	8	0.0	0		7	3	1
BISBEE		78.5	52.8	65.7		91	5	39	20	54	1	0	0	0	2.39		0.79	31	0.0	0		6	1	0
CAVALIER		80.0	53.9	67.0		90	15	47	18+	29	1	0	0	0	5.43		2.58	31	0.0	0		6	4	2
DEVILS LAKE WB CITY	R //	78.6	53.2	65.9	- 0.9	92	15	39	20	49	2	0	0	0	3.05	0.88	1.23	31	0.0	0		5	3	1
EDMORE 1 W		77.8	48.8	63.3		92	5	35	19	85	1	0	0	0	3.01				0.0	0				
GRAFTON		80.2	52.4	66.3	- 2.4	92	15	41	19	39	1	0	0	0	6.03	3.38	3.70	31	0.0	0		6	2	2
GRAND FORKS CAA AP	R	79.8	53.0	66.4		96	15	41	19	47	2	0	0	0	4.52		1.23	31	0.0	0		10	4	1
GRAND FORKS UNIVERSITY		79.7	53.7	66.7	- 1.5	95	15	41	19	35	1	0	0	0	5.19	2.06	1.16	31	0.0	0		10	5	1
HANNAH		76.5	51.2	63.9		86	15	39	20	72	0	0	0	0	4.29	1.40	1.98	31	0.0	0		7	3	1
HANSBORO		77.2M	51.8M	64.5M	- 0.5	92	5			67	1	0	0	0	2.30	- 0.26	0.60	8	0.0	0		7	1	0
LANGDON EXP FARM		77.7	50.7	64.2	- 1.7	88	15	42	18	62	0	0	0	0	4.70	2.07	2.35	31	0.0	0		6	3	2
LARIMORE		80.9	51.9	66.4	- 1.9	91	15	41	19	35	1	0	0	0	4.39	1.78	1.70	30	0.0	0		7	2	2
MC VILLE		81.1M	50.5M	65.8M		96	15	36	19+	51	2	0	0	0	4.18		2.34	31	0.0	0		5	2	1
MUNICH 4 SW		75.9	46.3	61.1		87	5	34	19	130	0	0	0	0	3.13		1.45	31	0.0	0		7	2	1
PARK RIVER		80.9	53.6	67.3	- 0.4	92	15	43	21	30	2	0	0	0	5.22	3.03	4.05	31	0.0	0		4	1	1
PEMBINA 2 N		80.4	53.6	67.0		89	15+	40	24	41	0	0	0	0	3.63	0.75	2.45	31	0.0	0		5	2	1
PETERSBURG																								
DIVISION				65.5	- 1.4										4.07	1.36			0.0					
WEST CENTRAL DIVISION																								
BEULAH	AM	81.7	51.1	66.4		94	16	34	20	59	4	0	0	0	1.55		0.96	31	0.0	0		2	1	0
BUTTE	AM					91	16	31	20		1	0	1	0	1.57		1.03	31	0.0	0		3	1	1
CENTER		79.7	51.0	65.4		94	15	32	20	60	1	0	1	0	3.98		0.88	31	0.0	0		9	4	0
DUNN CENTER 2 SW	AM	79.5	53.3	66.4	- 0.1	93	25	36	20	66	2	0	0	0	2.29	0.32	0.66	31	0.0	0		6	2	0
GARRISON	AM	80.5	54.3	67.4	- 0.3	92	16	37	19+	46	1	0	0	0	1.28	- 0.54	0.59	31	0.0	0		4	1	0
MAX	AM	79.1	52.9	66.0	- 1.1	89	16+	37	19	54	0	0	0	0	2.01	- 0.15	0.83	31	0.0	0		6	1	0
RAUB 10 SSW		80.6	54.7	67.7		92	16+	41	20	42	2	0	0	0	1.46		0.86	30	0.0	0		3	1	0
RIVERDALE	AM	78.1	55.0	66.6		89	16	41	19	51	0	0	0	0	2.41		1.00	31	0.0	0		5	1	1

See reference notes following Station Index.

Station		Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
TURTLE LAKE		81.5	51.5	66.5		94	16	37	19	29	2	0	0	0	1.27		0.62	28	0.0	0		2	2	0
UNDERWOOD	AM	79.6	51.5	65.6		91	16	35	20	60	1	0	0	0	1.86		0.85	31	0.0	0		5	1	0
WASHBURN		81.2	51.6	66.4	- 2.8	93	15	37	19+	43	2	0	0	0	3.62	1.84	1.33	28	0.0	0		7	3	1
WATFORD CITY		82.7	54.2	68.5	- 0.4	95	16+	35	20	47	5	0	0	0	2.00	0.45	0.56	30	0.0	0		5	1	0
WATFORD CITY 14 S		84.6	52.1M	68.4M		96	24+	33	20	44	9	0	0	0	1.92		0.68	27	0.0	0		6	1	0
WILTON		80.9				94	15				3	0		0	2.92		1.02	31	0.0	0		5	3	1
DIVISION				66.8	- 0.9										2.15	0.18			0.0					
CENTRAL DIVISION																								
CARRINGTON	AM	79.3	51.3	65.3	- 1.9	95	16	35	20	58	1	0	0	0	3.50	1.60	2.02	31	0.0	0		4	1	1
FESSENDEN		82.3	52.8	67.6	- 0.3	95	15	34	20	32	2	0	0	0	2.76	0.79	1.00	31	0.0	0		6	2	1
JAMESTOWN CAA AP	R //	79.8	53.4	66.6		95	15	38	19+	49	1	0	0	0	2.41		0.72	30	0.0	0		5	3	0
JAMESTOWN STATE HOSP		81.3	54.2	67.8	- 1.4	96	15	40	19+	33	1	0	0	0	2.12	- 0.01	0.80	31	0.0	0		5	1	0
KENSAL WILDLIFE REFUGE		83.8	51.8	67.8		95	15	33	20	37	5	0	0	0	4.00		2.51	31	0.0	0		5	2	1
MC CLUSKY		81.8	51.5M	66.7M	- 1.6	96	15	33	20	38	2	0	0	0	3.23	1.32	1.29	31	0.0	0		6	1	1
MC HENRY 5 N		78.8	51.1	65.0		95	15	35	20	54	1	0	0	0	5.62		2.65	31	0.0	0		6	5	1
PETTIBONE		80.3M	52.9M	66.6M	- 1.6	95	15	38	19+	49	2	0	0	0	3.35	1.20	2.15	31	0.0	0		4	1	1
STEELE		80.7	52.0	66.4	- 1.9	91	15	37	19+	45	1	0	0	0	3.29	1.25	1.13	31	0.0	0		8	2	1
DIVISION				66.6	- 1.3										3.36	1.22			0.0					
EAST CENTRAL DIVISION																								
AMENIA		82.2	54.2	68.2		97	15	36	20	31	4	0	0	0	2.48		0.95	8	0.0	0		5	2	0
COOPERSTOWN		81.2	53.1	67.2		98	15	37	19	38	2	0	0	0	3.00	0.43	1.52	31	0.0	0		6	1	1
FARGO WB AP	R //	80.5	56.5	68.5	- 0.6	95	15	42	19	39	4	0	0	0	1.75	- 0.98	0.58	2	0.0	0		5	1	0
HILLSBORO		80.5	54.1	67.3	- 1.7	95	15	40	20	36	2	0	0	0	3.87	1.05	1.04	8	0.0	0		6	3	1
MAYVILLE		80.1	54.4	67.3	- 2.5	96	15	44	20	24	2	0	0	0	2.98	0.29	0.90	31	0.0	0		5	3	0
SHARON		78.7	52.1	65.4	- 2.3	93	15	36	20	54	1	0	0	0	3.87	1.13	1.10	3	0.0	0		7	3	1
VALLEY CITY		80.9	55.0	68.0	- 1.4	95	15	38	20	37	1	0	0	0	2.53	0.20	0.67	30	0.0	0		5	2	0
DIVISION				67.4	- 1.5										2.93	0.39			0.0					
SOUTHWESTERN DIVISION																								
AMIDON	AM	80.7	51.8	66.3		92	25	39	19	63	5	0	0	0	1.85		0.48	31	0.0	0		7	0	0
BEACH	AM	80.7	52.5	66.6		93	17+	34	19	75	3	0	0	0	2.06		0.55	4	0.0	0		5	1	0
BELFIELD		80.4M	50.8M	65.6M		90	26	34	19	49	1	0	0	0	3.55		1.55	26	0.0	0		8	2	1
BOWMAN COURT HOUSE		80.4M	50.7M	65.6M	- 3.2	90	24+	40	19	67	2	0	0	0	2.58		0.64	4	0.0	0		9	1	0
DICKINSON CAA AP	R //	80.1	52.6	66.4		94	15	39	19+	59	4	0	0	0	1.33		0.69	30	0.0	0		3	1	0
DICKINSON EXP STATION	AM	81.6	51.5	66.6	- 0.5	94	16+	32	20	62	5	0	1	0	2.55	0.79	0.88	31	0.0	0		6	2	0
FAIRFIELD		79.9	53.7	66.8		92	24	40	20	57	2	0	0	0	1.14		0.38	30	0.0	0		4	0	0
HETTINGER		80.0M	52.2M	66.1M	- 6.4	92	15	40	19+	77	1	0	0	0	1.04	- 0.78	0.47	31	0.0	0		3	0	0
MARMARTH		81.3M	54.5M	67.9M	- 1.2	92	15+	42	20	42	7	0	0	0	4.32	2.67	1.13	2	0.0	0		9	3	2
MEDORA 3 NNE		84.1	48.8M	66.5M		96	24	31	20	52	9	0	1	0	0.84		0.58	27	0.0	0		2	1	0
MOTT		79.6	50.8	65.2	- 3.9	93	15	34	20	60	1	0	0	0	2.89	1.34	1.02	3	0.0	0		6	2	1
NEW ENGLAND		80.1	51.3	65.7	- 3.7	93	15	37	20	64	4	0	0	0	4.17	2.59	2.11	27	0.0	0		7	2	1
RICHARDTON ABBEY		81.1	53.4	67.3	- 1.5	93	15	40	19+	45	3	0	0	0	2.35	0.56	0.99	31	0.0	0		5	2	0
DIVISION				66.4	- 2.3										2.36	0.60			0.0					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		80.4	54.9	67.7		93	15	38	19	40	1	0	0	0	4.04		0.97	27	0.0	0		10	3	0
BISMARCK WB AP	R //	81.0	54.3	67.7	- 1.6	94	15	38	20	48	2	0	0	0	2.93	1.43	0.95	30	0.0	0		7	2	0
CARSON NO 2	AM	82.0	53.9	68.0	- 1.4	91	16	38	19	43	4	0	0	0	2.30	0.79	0.92	31	0.0	0		6	1	0
FORT YATES		82.4M	54.4M	68.4M	- 2.1	91	21	36	20	18	1	0	0	0	1.57	- 0.17	0.75	30	0.0	0		3	1	0
LINTON		82.8	53.1	68.0	- 2.9	91	15	35	20	28	4	0	0	0	3.09	1.24	0.85	31	0.0	0		7	3	0
MANDAN EXP STATION	AM	80.3	54.7	67.5	- 1.7	93	16	38	20	54	2	0	0	0	3.13	1.37	1.27	31	0.0	0		5	2	2
MANDAN FT LINCOLN PARK		83.0	52.9	68.0		98	15	35	20	49	5	0	0	0	3.36		0.87	12	0.0	0		6	3	0
MOFFIT 4 SE		81.8	52.4M	67.1M		93	15	32	20	63	3	0	1	0	3.51		1.11	31	0.0	0		6	3	1
NEW SALEM 1 S		80.5	52.1	66.3	- 2.6	94	15	40	19+	55	2	0	0	0	2.75	0.95	0.61	12	0.0	0		9	1	0
DIVISION				67.6	- 2.1										2.96	1.11			0.0					
SOUTHEASTERN DIVISION																								
ASHLEY		80.0	53.1	66.6	- 1.8	87	14+	36	20	41	0	0	0	0	4.17	1.98	2.21	31	0.0	0		6	1	1
EDGELEY EXP FARM	AM	81.1	54.3	67.7	- 1.3	94	16	38	19	38	1	0	0	0	2.27	0.33	0.51	16	0.0	0		7	1	0
ELLENDALE		82.5	55.8	69.2	- 0.7	93	15	41	19	26	3	0	0	0	2.18	- 0.31	0.92	2	0.0	0		5	2	0
ENDERLIN	AM	82.0	52.7	67.4		95	16	35	20	41	3	0	0	0	2.99		0.80	3	0.0	0		5	4	0
FORMAN		82.8	55.9	69.4		91	15	39	20	22	3	0	0	0	2.94	0.75	1.67	8	0.0	0		5	1	1
FULLERTON		83.9	55.2	69.6	- 0.4	95	15	39	19	24	7	0	0	0	2.25	0.04	0.52	30	0.0	0		6	1	0
GACKLE		81.0M	53.8M	67.4M		91	15	39	19	35	1	0	0	0	4.85		2.79	31	0.0	0		4	2	1
GRAND RAPIDS 1 N		82.4	53.1	67.8		93	15	35	20	35	3	0	0	0	1.65		0.47	2	0.0	0		7	0	0
HANKINSON R R STATION	AM	80.4	56.6	68.5	- 1.2	88	16	41	19	26	0	0	0	0	5.64	3.21	2.50	3	0.0	0		7	4	2
LISBON		82.2	54.8	68.5	- 0.5	93	15	37	19+	31	2	0	0	0	1.67	- 1.20	0.61	30	0.0	0		5	1	0
MC LEOD 3 E		81.9	54.9	68.4	- 1.4	90	16	38	19+	33	1	0	0	0	4.00	1.35	1.94	30	0.0	0		7	2	1
NAPOLEON		81.7	53.8	67.8	- 1.3	90	15	36	19	41	1	0	0	0	4.23	2.28	1.82	31	0.0	0		8	2	1
OAKES	AM	80.2	56.2	68.2	- 1.5	91	16	39	20	37	1	0	0	0	2.00	- 0.04	0.66	2	0.0	0		6	0	0
WAHPETON STATE SCHOOL		82.7	54.7	68.7	- 2.5	90	22	35	19	29	1	0	0	0	3.11	0.08	1.12	3	0.0	0		5	2	2
WISHEK		81.6M	53.3M	67.5M	- 0.1	90	15	34	20	38		0	0	0	3.96	2.18	2.70	31	0.0	0		5	1	1
DIVISION				68.2	- 1.2										3.19	0.90			0.0					

DAILY PRECIPITATION

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	2.86		.32	.68	.03		.03		.90		T								T							T				.70	.13	.07
ADAMS 7 S	3.22																	.50								.22			.06	.14	1.50	.80
ALEXANDER	1.96		T								.03	.43	.12						.10						.45		.07		.14		.56	.06
ALMONT 7 SW	4.04		T		.13	.03				.18	.16	.23	.05					.12	.04							.49	.06	.97	.61	.01	.41	.55
AMBROSE 3 N	2.39	.02						.27	T			.10	.04													T	.80		.60	.03	.50	.03
AMENIA	2.48		.17	.28					.95				.03						.08									.05		.70		.22
AMIDON	1.85				.43	.05	.15				T	.18	.10						.20							.05		.11	.05	T	.05	.48
ARVILLA STATE PARK	3.59			.08			.01		1.04				.35					.23						T		.10			T	.30	.55	.93
ASHLEY	4.17		.42		.05			.44			.04		.46				.07		.03							.10					.35	2.21
BALTA	1.17		T	T				.11			.01	.10	.03												.06		T		.26	T	.27	.33
BANTRY	2.10	.45							.22			.25														.27				.46		.45
BEACH	2.06				.55			.03	.02		.02	T	.03						.05							.45		.32	.12	.05	.02	.40
BELCOURT INDIAN RES	2.84			.01		.88		.01	.37		.09	T	.08					.59								.32		T	T	T	T	.49
BELFIELD	3.55	T		.03		.25	.04				.06	T	.14			T	.12	.08		T							1.55	.77	.12		.12	.27
BERTHOLD	3.05	1.28						.23	.28	.10	.08	.17	.03					.02								.03	.15	.11		.01	.34	.22
BEULAH	1.55			.05	T								.41						.03									.04	T	.06		.96
BISBEE	2.39					.37			.16				.25					.42								.32		.04			.04	.79
BISMARCK WB AP R//	2.93		.02	.05	T					.16	.22	.53	.03				T	.05	.01							.31		.16	.04	T	.95	.40
BISMARCK 12 ENE	3.04			.24					.02		.17	.02	.58	.02					.03							.02			.20		.02	1.72
BOTTINEAU	1.87	.26		.01				T	.18	T	.01		.01	.01				T					T			1.02	T		.06	.24	.01	.06
BOWBELLS	.88	.05		T									.30				.02										.02		.06	.01	.42	
BOWMAN COURT HOUSE	2.58				.64	.23	.35	T					.25					.11	.33							.03		.16			.20	.28
BOWMAN 11 SE	3.29		.41									.07	.34															1.78	.10		.59	
BOWMAN 30 NNW	3.15			1.17	.12						.31							.20							.27		.70	.05			.33	
BURT 16 N	3.36		.32	.12	.06			T	T	T	.26		.07					T	.10							.08	.40	.65	.30		.05	.95
BUTTE	1.57							.08		.05	.04		.14					T								.07			T	.14	.02	1.03
CARRINGTON	3.50			.08	T			.29	.07	.02	T		.40	.03			.09		T	.02				.05		.02	T		T	.38	.03	2.02
CARSON ND 2	2.30		T	.02	.19	.09					.41	.02					.03		.13							.18	.02	.05	.12	.08	.04	.92
CAVALIER	5.43		T	T	.10		.58		.07	T			.03					.72								.09			T	.14	1.12	2.56
CENTER	3.98			T				T			.20	.45	.16	.04				.04	.10							.11		.70	.65	T	.65	.88
COLGATE	2.54		.03	.29					.83																	T			.08	.17	.72	.42
COLUMBUS	1.53	.04	T					.43	.07				.06													.08	.38		.05		.42	T
COOPERSTOWN	3.00		T	.18			.32		.09				.23	T			.02	T	T							T			.29	.35	T	1.52
COURTENAY	3.71		.17	.08	.08		.09	.09	.36					.03			T		.18										.52		1.09	1.02
CROSBY	2.31							.95				.10	.11										T			.17	.01		.28	.13	.56	
DEVILS LAKE WB CITY R//	3.05		T	.04		.57		.14		T		.02	.04				.01					T	T			.06			.21	.01	.72	1.23
DICKINSON CAA AP R//	1.33		T	.16	T	.05				T	T	T	.01					.03	.01						.06	T	.22	.05	.05	T	.69	
DICKINSON EXP STATION	2.55			T	.06		T		.05		.29	T	.03					T	.11	T						.17	.19	.69	.04	.02	.02	.86
DONNYBROOK	.83				.01	T	T	.06	.18	.09		T																.12	.17	.10	.10	
DRAKE	2.46			T	T			.03	.43				.34	.03				.01	T							T		T	.02	.08	T	1.52
DUNN CENTER 2 SW	2.29			.02	T		.15	.30	.01		T	.03	.43					T	.03							.02	.10	.52	.02	T	T	.66
ECKMAN 2 SE	3.40	.66	T					.17	.70				.74	T												.29		T		.14	T	.70
EDGELEY EXP FARM	2.27		.39	.40					.13		.17	.04		.11			.51		.03	.01							.03		.02		T	.43
EDMORE 1 W	3.01		.03			.51		.11	.08				.40					.22				T		.05		.10			.09		*	1.42
ELGIN 5 S	3.69		.04		1.75	.04	.02	T		.02	.27		.05					.11	T								.03	.48	.08	T	.13	.67
ELLENDALE	2.18		.92	.11	.24		T		.60		T		.12			.02	.02		.01							.06			T		T	.08
ENDERLIN	2.99			.80			.52		.25										.04								.03			.65	.06	.64
EPPING	1.47			T				.46	.10	.09	.05	.02					.05	T								T		.02		.02	.66	
FAIRFIELD	1.14				.04		T	T	T	T	.03	T	.02					.05	.19							.06	T	.09	.15	T	.38	.13
FARGO WB AP R//	1.75		.58	.14		T		.47	.04		T		.02			.05			.01							T		.02	.02		.28	.12
FESSENDEN	2.76			.29				.45			.09	.24						.02								.02			.15		.50	1.00
FLASHER	2.53				.33	.07					.41		.10				.37									.13	.04	.07	.09			.92
FLAXTON	.79	.11	T	T		T		.20	.08				.02												T		.07		.04	T	.25	.02
FORBES 13 NW	3.77		.36	.12					1.50		T		.14	.02				T	T							.08					.41	1.14
FORMAN	2.94		.46	.11					1.67		.24			.04			.08												.08		.04	.22
FORT YATES	1.57				.23	.07		T			.07																			.45	.75	
FOXHOLM 7 N	1.98	.59	T	T					.54			T	T					.03								.16		.12	.01		.20	.33
FULLERTON	2.25		.46	.03					.46					.06	.16		.14	T	T	T						T					.52	.42
GACKLE	4.85		.40	.04		T			.03		.47			.09					.07							.04			.08		.84	2.79
GARRISON	1.28								T	T			.31	T					T							.24		.03		.11	T	.59
GLEN ULLIN 13 N	2.29					.20	.07					.25	.25			T								T				.12	.40		T	1.00
GOLDEN VALLEY 10 S	1.03			.02		.15	.03		.05			.17	.05				T	.23	T							.25	.08					
GRAFTON	6.03		T	.05			.06	T	.02				.20					1.37								.33		T	T	.10	.20	3.70
GRAND FORKS CAA AP R	4.52		.12	.19		.06		.23	.20		T		.17				.26	T								.56			.94		.56	1.23
GRAND FORKS UNIVERSITY	5.19		.02	.42	.02		.10	.02	.48				.19					.21								.61	.01		.51	.91	.53	1.16
GRAND RAPIDS 1 N	1.65		.47	.21					.18		.18		.03	T			.04		.06							.12			.05		.10	.21
GRANVILLE	3.15	.60						.22	.05		.03	.20	.25													.75			.25	.05	.40	.35
GRASSY BUTTE 10 N	2.74		T	T					.12			.49														.10	.15	1.29	.05		*	.54
GRENORA	2.35			.01				1.05	.29	*	.12	.20														.26		.15	.07		.20	
HAGUE	3.29		.01	T	.32	T	T	T	.54		T		.67				T	T	.03							.02			.15		.52	1.03
HALLIDAY	2.15					T			.11			.17						.10							.03		.28	.34	.20	T	.53	.39
HANKINSON R R STATION	5.64		.02	2.50	1.15		.15		.87			.20		.05			.17															.53
HANNAH	4.29	T		T	.05	.55	.11				.15		.24	T				.83								.19		.05	.07	T	.07	1.98
HANSBORO	2.30			T		.33			.60		.01		.20					.19					.05		.03	.25		T	.17	.02	T	.45
HARVEY	2.58							.27		.14		.24														.03			.16		.38	1.36
HETTINGER	1.04		T		.13		.05						T					.04	.29												.06	.47
HILLSBORO	3.87		T	.66		.05			1.04				.09				.33		T							T			.48		.91	.31
JAMESTOWN CAA AP R//	2.41		.50	T		.01		.07			T	T	.18			T		T	.05							.06			.11	.03	.72	.68
JAMESTOWN STATE HOSP	2.12		.11	.43	T	T			.04				.08	T					.05							.05			.14		.42	.80
KEENE 2 S	1.50							.14				.43						.02								.09	.03	.10			.57	.12
KENMARE	2.24	1.36		T				.08	.10		.05		.01	.10												.05		.15				.34
KENSAL WILDLIFE REFUGE	4.00		.13	.05		T		T	.58				.45						T							.05			.14		.09	2.51
KILLDEER 8 NW	1.88											.38															.20				1.05	.25
KULM	3.28		.57	.21				.19			.10						.61		.06												.45	1.09
LANGDON EXP FARM	4.70		T				.75	.02	.19				.10					1.08						T		.12				.09		2.35
LANSFORD	2.18	1.02		T				.03	.18	T	T	.06	.02													.20	.06	T	T	.30	.31	
LARIMORE	4.39	T		.18					.39				.33					.07						.04		.09			.10	.17	1.70	1.32
LEEDS	2.03					T		.07	.02		.41		.04	.04			.05									.01			.27		.07	1.05
LEFOR 10 E	3.24					.55		T	.01	T	.26		.05					.14								.01	.04	.51	.57		.50	.60
LINTON	3.09		.13	.02	.21	.02		.06	.02		.02	.01	.02				.21	T								.30			.51		.71	.85
LISBON	1.67		.27	.28					.22					.02			.05			.01						.05			T	T	.61	.16
LITCHVILLE	1.76		.30	.20					.46		.01			.02					.06							.09			.04		.38	.20
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MADDOCK AGR SCHOOL	1.74							.18	.19		.03		.14					T								.09			.08		.08	.95
MANDAN EXP STATION	3.13			.01	.05						.18		1.08					T	.06							.19			.20	.07	.02	1.27
MANDAN FT LINCOLN PARK	3.36		.04	.03	.06				T		.36		.87					.03	T							.15		T	.45	.02	.53	.82
MARMARTH	4.32		1.13		1.08	.08	.02	.32			.17	.10						.01	.31								T	.68	.12		.30	
MARTIN	2.38			.02				.50				.13	.21							.08									.27		1.17	
MAX	2.01							.13	.19		.32		.32	.02					.03							.11		.06		T		.83
MAYVILLE	2.98		T	.65	.02		.02		.14		T		.05				.01									.04				.67	.48	.90
MC CLUSKY	3.23			.05				.08	.43				.20						.01							.20			.49	.01	.47	1.29
MC HENRY 5 N	5.62		.05	.19		.76		.06	.02		.07		.52			T										.03			.51		.76	2.65
MC LEOD 3 E	4.00		.23	.47			.17										.09									.04	.10	.56			1.94	.40
MC VILLE	4.18						.33		.07		.07		.35											T		.02			.02	.20	.78	2.34
MEDINA	3.86		.10					.56	.18		.08		.10					.04								.38			.30		.49	1.63
MEDORA 3 NNE	.84			T	.05			.06										.11										.56	.04		T	
MEDORA 23 NNW	1.81									.03			.04						.15							.07	.50	.52				.50
MINOT CAA AP	1.79		T	T		T		.64	.05	.08		.38	T				T	.02								T	T	.01	T	.02	.58	.01
MINOT EXP STATION	2.53	.90	T	.01				.43	.07	.02			.21					.04								.02		.01	T	.02		.80
MOFFIT 4 SE	3.51		T	T	T			.09	.29		.38		.17					T	.06							.09			.81	T	.51	1.11
MOHALL	2.63	1.15						.19	.14		.21	.11														.17	.09		.03	.23	.20	.11
MONTPELIER	2.95		.17	.20		T			.16		.19		.03	T					.03							.06					.92	1.19
MOTT	2.89		T	1.02	T						.07					T		.04	.09							.02	.16	.74	.12		.20	.43
MUNICH 4 SW	3.13		T	.02		.15		.16	.11				.22					.70								.20			.05		.07	1.45
NAPOLEON	4.23		.30	.06	.40				T		.41	T	.09	T		.14			.07							.22			.20		.52	1.62

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
AUGUST 1956

Table 3–Continued

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	4.17				.62	.07	.02				.13		.03					.11	.06							.02	.10	2.11	.09		.38	.43
NEW ROCKFORD 7 WNW	3.12							.62			.02		.15																	.10	.10	2.13
NEW SALEM 1 S	2.75				.30	T	T	T	T	T	.07	.26	.61					.10	.05							.17	T	.42	.13	T	.30	.34
NEWTOWN	1.62						.24	.05	T	T	.08	.38	.01					T	T							.01		.20		T	.55	.10
NOONAN	2.76							.60				.28	.16													.37	.48		.05		.82	
NORTONVILLE	2.06		.35								.33																				.94	.44
OAKES	2.00		.66	.35					.43			.12	T	.02			.24			.03							.10	T	T			.05
PARK RIVER	5.22			.04		.05							.03					.40								.43			T	.15	.07	4.05
PARSHALL	4.13						.02	.95	.02	.15		.16	.12	.01				.01	.01							.06		1.20	.01		1.18	.23
PEMBINA 2 N	3.63					.02	.10		.22	.02								.68					.02						.12			2.45
PETERSBURG	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PETTIBONE	3.35		.09					.05	.30		.05		.08				.03												.31	.04	.25	2.15
PINGREE	3.14		.04	T		.03		.25	.45				.18				T		.08							.03			.11		.17	1.80
PORTAL	1.53	.71					T	.03	.11	.02	.01		.03	.03												.07	.05		.10	.01	.08	.28
POWERS LAKE 1 N	1.42	T				.11		.28	T			.05	T			T										.30	T		.35	.05	.28	T
PRETTY ROCK	4.28	T	T	T	1.21	.11							.24				.20	.08	.05							T	.23	.77	.05	T	.12	1.22
RAUB 10 SSW	1.46					.01						.23	.06															T			.86	.30
REEDER	4.22			.81	.39								.21					.05	.30								.37	.76	.15		.62	.56
REEDER 14 N	3.08				1.25		.06		.03			.04	.05						.29							T	.35		.32		.24	.45
RICHARDTON ABBEY	2.35		T	.01	.09	.01	T	T		T	.11	T	.09					.06	.03							.61	.03	.14	.06		.12	.99
RIVERDALE	2.41			.02			T		.02		.24		.33	T				.06	.06	.01						.23		.06	T	.36	.02	1.00
ROLLA	2.68		T			.87		T	.28		.11	T	.12	T				.40								.29		.03	T	.02	.02	.54
RUGBY	1.53							.31	.08				.13													.09			.30		.01	.61
RYDER	2.33							.67			.15															.42		.09	.22	.18		.60
SAN HAVEN	2.77	T		.01		.38		.01	.35		.01	.08	T					.53								.48		T	.05	.68	.02	.17
SCRANTON	2.14					.12	.01	.01			.01		.26					.10	.29								.03	.61	.05		.44	.21
SELFRIDGE 11 W	3.34				.89	.74		.17											.06									.02	.26	•	•	1.20
SENTINEL BUTTE 20 S	1.90			.95							.35	.10						T	.16								.19				.15	
SHARON	3.87		.03	1.10			.23		.06		.02		.30				T		T					T		.06			.29	.35	.65	.78
SHERWOOD 3 N	1.93	.80		.01		.02		T	.01	.02	.30	.20	.01													.09	.31		.04		.10	.02
SHIELDS	3.02		.04	T	.24	.53							.75				.02	.04								.06		.22	.13		.36	.63
STANLEY	.95			T				.20		.11		.02														.13	T	.03	.19	.09	.15	.03
STEELE	3.29		T				.10	.14	.04	.22		.42	.10					T	.06							.03		T	.43	T	.62	1.13
SYKESTON	4.37		.04	.03				.23	.63		T		.50	.32			.26	T	.03							T			.06	.05	.12	2.10
TAGUS	1.41			.02				.35		.04	.02	.24					.10									.32	.04				.26	.02
TIOGA 1 E	1.99			T				1.15	.07	.03	.09	T	.01					T	.02							T		.03	T	.01	.05	.53
TOLLEY 4 NE	2.19	.60		T		T		.80	.10	.10			T				T									.11	.19				.29	
TOWNER	1.88							.16																					.10	1.10	.20	.32
TROTTERS 6 SE	2.32				.13			T	T		T	T	.08					T	.08							.20	.42	.84	.02		.22	.33
TURTLE LAKE	1.27						T											T								T		.08	.62		.57	
TUTTLE	2.92		.03					.09	.05		T		.28				.12	.01	.04							.07			.28	.04	.65	1.26
UNDERWOOD	1.86								.01		.04		.14					T	.07							.23		.03	.21	.22	.06	.85
UPHAM 3 N	2.12	.54	T					.20	.13		.02	.17	.11					T								.26			.03	.15	.15	.36
VALLEY CITY	2.53		.40	.06			.06		.53				.01						.04							.06			.32		.67	.38
VELVA	2.41	.03						.33	.05	T	T		.19					T								.06		T	.03	.67	.43	.62
VERONA	1.56		.37	.19					.17		T							.19	.04							.06		T			.39	.15
WAHPETON STATE SCHOOL	3.11		1.10	1.12	.14		.02		.29		.08						.07		T							T			T	T	.21	.08
WALHALLA	3.86						.59			.07								.48												.05		2.67
WARWICK	4.46		T	.14		T		.47	.46		.11		.64													.04			.11	T	.23	2.26
WASHBURN	3.62		.03								.17		.55	T				T	.12							.15		.09	1.33	T	.45	.73
WATAUGA S DAK 8 N	3.96				.66	.54	.02		T	T		.20					.54											.85	.10		.05	1.00
WATFORD CITY	2.00					.05		.32	.05			.30	.03					.05	.10							.42	.06	.06			.56	
WATFORD CITY 14 S	1.92								.17	T		.10	.01	T			.01	.02	.03							.07	.26	.68	T	T	.19	.38
WESTHOPE	1.72	.17				.03		T	.31	.10							T									.43			.31	.14	.15	.08
WILDROSE	2.61	.10						.22	.15	.01		.08						T								.07		.38	.36	.17	1.05	.02
WILLISTON WB CITY R//	1.03			T			T	.01		.25	.06	.03	.03				T	.07	.04						T		.03	T	.14	T	.37	
WILLISTON EXP FARM	1.62							.08		.42	.07	.02	.03					.05	.07									.09	.53	.04	.22	
WILLOW CITY	2.15	.08	T	T		.18		.15	.53		.02	.26	.06					.01								.21	T	T	.05	.04	.05	.51
WILTON	2.92			.02					.01	.01	.10		.17	.05				.02	.06							.08		.04	.58		.76	1.02
WISHEK	3.96		.27								.20		.17				.07		.06											T	.49	2.70
WOODWORTH 5 E	4.54			T				.10	.30				.80	T									.04			T			.60		T	2.70
ZAHL	2.07							.42	.14		.06	.09	.02													.20	.08	.10		.06	.90	

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	79	74	79	85	88	87	87	80	85	74	80	80	87	82	93	87	78	64	72	77	80	86	84	89	85	85	88	74	77	64	62	80.4
	MIN	56	62	64	54	54	54	57	56	54	58	51	56	57	60	58	56	51	50	38	43	56	61	55	56	61	60	55	56	49	55	48	54.9
AMENIA	MAX	87	82	78	81	89	90	90	80	85	79	82	78	86	82	97	86	75	67	68	75	86	88	79	84	79	87	88	93	81	78	67	82.2
	MIN	50	57	61	65	56	61	59	58	58	59	51	57	56	57	49	57	55	49	43	36	43	58	54	43	58	53	53	58	54	59	53	54.2
AMIDON	MAX	81	81	76	83	85	86	83	77	78	86	83	81	80	86	86	90	90	60	67	68	75	89	86	80	92	91	90	82	73	78	60	60.7
	MIN	55	58	64	55	56	52	55	51	52	55	50	51	50	55	62	53	48	41	39	40	50	54	56	58	56	54	55	46	43	50	41	51.8
ARVILLA STATE PARK	MAX	84	82	74	87	91	89	89	81	86	82	84	79	85	92	95	87	82	67	69	72	90	84	78	87	82	85	84	91	80	77	63	82.5
	MIN	42	45	61	65	53	51	51	57	53	56	44	47	54	46	45	53	49	44	35	43	42	50	50	40	57	47	52	55	52	55	52	49.9
ASHLEY	MAX	80	72	82	86	86	86	86	78	84	77	79	81	82	87	87	84	74	69	61	76	86	82	80	84	84	79	83	84	80	78	62	80.0
	MIN	55	62	64	60	60	55	57	57	54	58	49	48	52	55	55	56	56	50	39	36	48	54	54	47	56	52	52	52	48	57	48	53.1
BEACH	MAX	82	82	80	85	85	87	84	76	81	87	72	83	82	89	88	87	93	56	59	70	77	91	88	89	93	89	88	78	69	73	59	80.7
	MIN	58	62	64	54	62	53	55	52	51	57	51	55	49	54	62	53	51	47	34	39	43	50	50	58	59	59	55	51	46	51	41	52.5
BELCOURT INDIAN RES	MAX	82	80	68	86	90	80	79	77	81	78	75	77	81	80	86	81	82	64	65	73	83	79	78	85	81	80	79	80	73	71	70	78.2
	MIN	56	53	57	52	58	50	50	54	48	51	41	49	50	52	46	52	44	41	35	31	39	50	45	37	55	50	57	58	49	50	47	48.6
BELFIELD	MAX	79	78	80	85	87	84	80	83	85	78	81	82	87	85	87	79		69	76	79	89	85	84	86	87	90	78	70	74	63	61	80.4
	MIN	49	59	64	49	57	51	53	49	58	55	47	49	46	50	57	50	48		34	41	46	52	54	56	56	52	52	51	49	48	42	50.8
BEULAH	MAX	83	82	72	78	87	89	88	85	81	89	76	83	80	86	80	94	91	61	66	71	79	90	87	84	92	86	89	87	76	81	61	81.7
	MIN	57	61	63	53	55	52	54	53	49	47	44	46	51	53	53	53	51	50	35	34	40	46	57	49	59	60	60	55	45	49	49	51.1
BISBEE	MAX	84	81	72	88	91	81	76	77	83	80	83	79	83	75	87	85	73	68	64	75	85	80	77	84	82	86	84	74	67	67	63	78.5
	MIN	59	52	50	58	59	54	56	58	59	53	47	49	62	57	52	54	54	44	41	39	45	54	57	46	50	60	59	51	53	53	53	52.8
BISMARCK WB AP	MAX	83	73	80	88	89	89	89	83	87	75	80	81	85	81	94	88	70	66	72	78	90	86	81	88	84	85	88	74	81	60	62	81.0
	MIN	60	64	64	58	58	57	61	57	52	55	46	58	54	58	57	57	55	50	40	38	44	52	55	48	60	60	61	56	51	52	44	54.3
BOTTINEAU	MAX	81	82	74	73	89	91	82	82	80	83	77	77	79	84	77	91	86	66	67	67	77	84	87	82	90	79	83	84	77	74	67	79.7
	MIN	60	57	60	56	60	50	55	55	49	50	45	48	51	52	53	54	48	45	39	33	45	50	52	48	50	45	48	47	44	54	50	50.1
BOWBELLS	MAX	80	68	76	85								85	85	79	89	89	85	67	65	79	84	85	85	90	82	77	89	79	72	72	69	79.8
	MIN	56	53	58	55								45	46	49	53	47	44	42	31	32	52	52	43	45	57	55	55	51	50	49	39	48.3
BOWMAN COURT HOUSE	MAX	78	78	81	84	82	83	80	75	84	82	80	80	84	85	89	88	87	57	65	71	86	85	85	90	90	88				71	63	80.4
	MIN	55	60		53	55	50	56	50	51	53	48	52	50	57	51	55	48	45	40	41	45	54	60	52	55				43	48	41	50.7
BUTTE	MAX															81	91	77	63	67	67	77	86	84	80	88	85	86	86	76	78	62	
	MIN															58	50	48	48	37	31	35	57	54	55	59	55	61	57	49	53	50	
CARRINGTON	MAX	80	81	65	71	87	88	87	85	77	83	75	79	79	82	78	95	84	67	67	68	76	86	82	77	85	80	85	85	81	76	66	79.3
	MIN	52	55	59	60	60	51	56	55	52	55	46	50	54	56	53	53	50	48	36	35	41	51	51	46	55	50	54	55	52	49	50	51.3
CARSON NO 2	MAX	80	79	82	83	88	89	86	84	80	86	72	80	79	85	88	91	90	78	62	71	78	89	87	84	90	86	88	90	75	78	64	82.0
	MIN	57	63	60	54	52	55	59	54	52	58	51	55	53	58	59	56	53	50	38	39	50	56	54	55	58	59	58	56	47	53	48	53.9
CAVALIER	MAX	83	81	71	83	88	84	83	80	84	77	81	75	85	83	90	84	82	66	67	72	83	81	77	86	80	85	86	86	77	77	63	80.0
	MIN	57	51	61	64	57	53	55	59	56	58	51	52	56	61	49	48	49	47	47	47	47	54	55	47	60	49	57	60	53	57	53	53.9
CENTER	MAX	80	74	77	88	84	80	85	80	86	74	80	79	85	79	94	87	82	65	69	77	86	79	81	88	85	88	89	75	71	62	61	79.7
	MIN	55	58	60	58	52	50	60	53	47	56	42	53	50	53	54	51	49	48	33	32	48	51	53	44	58	55	57	52	48	52	48	51.0
COOPERSTOWN	MAX	85	79	75	84	90	86	87	83	85	81	83	80	80	79	98	87	80	67	68	75	87	83	78	87	82	84	83	88	77	75	61	81.2
	MIN	53	57	60	64	60	56	56	58	53	57	59	52	54	56	51	54	50	45	37	38	47	55	51	44	58	53	53	56	54	55	51	53.1
CROSBY	MAX	85	78	82	93	87	82	79	79	84	76	78	76	85	80	89	82	68	65	73	78	88	88	83	90	85	84	84	72	75	58	63	79.6
	MIN	56	56		46	58	50	57	55	50	49	54	50	52	52	56	51	45	46	36	38	46	56	50	50	58	53	55	53	42	52	45	50.6
DEVILS LAKE WB CITY	MAX	83	77	74	86	91	83	81	77	84	75	79	79	85	76	92	84	63	65	65	74	88	81	77	87	74	83	86	82	76	70	59	78.6
	MIN	54	53	60	60	59	55	59	57	54	57	50	51	53	56	55	52	48	46	42	39	49	55	52	49	57	52	59	55	54	56	51	53.2
DICKINSON CAA AP	MAX	78	74	77	84	85	84	79	79	86	71	81	82	88	85	94	92	67	61	72	76	90	88	85	91	89	87	80	72	77	66	64	80.1
	MIN	57	63	58	53	58	52	54	52	51	52	50	53	52	54	60	54	48	48	39	39	52	57	55	55	59	58	56	51	46	49	45	52.6
DICKINSON EXP STATION	MAX	82	81	75	76	87	88	85	81	81	89	74	83	82	88	85	94	93	62	63	71	78	90	88	85	94	90	88	79	75	76	68	81.6
	MIN	56	63	63	50	57	50	56	50	46	57	46	54	47	49	57	53	49	48	34	32	46	54	56	55	56	59	59	51	47	53	45	51.5
DRAKE	MAX	79	82	68	76	87	87	85	85	84	84	76	79	77	82	78	92	85	63	67	67	76	86	83	79	87	83	85	85	78	76	62	79.5
	MIN	59	57	61	57	60	54	61	56	52	52	52	56	53	56	56	56	49	49	42	38	48	55	51	51	60	54	60	57	50	52	50	53.7
DUNN CENTER 2 SW	MAX	83	81	74	78	87	86	83	79	77	86	72	81	78	83	79	88	92	58	65	70	67	86	85	82	93	89	88	80	75	75	64	79.5
	MIN	57	58	61	51	59	53	59	53	50	57	49	54	53	62	64	55	48	47	38	36	44	53	54	53	60	62	60	57	47	53	46	53.3
ECKMAN 2 SE	MAX	82	81		74	87	87	83	81	80	83	76	78	78	83	77	88	86	67	69	67	78	84	85	83	89	80	82	82	77	77	65	79.6
	MIN	57	55	56	54	60	53	54	54	52	49	48	50	51	52	54	52	47	46	38	35	40	45	47	46	48	54	57	59	50	51	49	50.4
EDGELEY EXP FARM	MAX	79	81	69	80	85	87	86	88	80	84	71	79	84	84	85	94	83	69	67	70	77	85	84	80	85	84	84	86	88	82	74	81.1
	MIN	51	60	62	61	64	57	60	57	57	59	49	59	55	58	57	56	62	48	38	39	48	54	54	47	52	51	53	54	53	56	51	54.3
EDMORE 1 W	MAX	83	84	71	85	92	82	79	75	83	76	78	75	81	75	89	81	73	65	65	71	80	80	75	84	73	81	85	79	76	75	61	77.8
	MIN	55	49	56	60	58	50	56	54	50	52	43	45	47	52	48	47	45	40	35	42	42	48	46	42	54	48	55	55	45	45	50	48.8
ELLENDALE	MAX	83	77	82	85	88	87	88	80	84	78	80	82	85	90	93	86	82	66	70	78	85	85	81	84	83	86	87	90	84	82	65	82.5
	MIN	55	63	64	60	64	60	65	59	57	59	51	59	54	57	54	57	60	51	41	42	45	55	57	48	56	54	58	59	55	58	53	55.8
ENDERLIN	MAX	84	84	68	80	87	86	87	90	82	84	75	81	83	86	83	95	85	69	69	70	78	86	85	80	84	80	80	89	92	80	80	82.0
	MIN	48	48	62	64	60	59	58	60	56	55	50	59	55	58	49	59	59	48	41	35	42	42	53	45	45	44	54	59	55	58	53	52.7
FAIRFIELD	MAX	79	76	76	85	86	82	78	76	85	79	82	80	85	82	89	91	80	60	74	75	88	85	82	92	89	88	78	72	75	66	62	79.9
	MIN	58	62	64	53	60	59	53	52	54	53	50	54	54	54	59	56	48	47	41	40	52	62	61	55	58	62	62	50	44	45	44	53.7
FARGO WB AP	MAX	86	69	78	79	89	90	90	82	82	78	83	77	84	82	95	84	71	65	67	72	85	86	76	83	77	86	87	90	80	83	60	80.5
	MIN	55	60	64	65	58	62	63	61	58	60	55	62	56	61	57	60	50	45	42	43	50	58	53	50	61	57	59	61	56	57	54	56.5
FESSENDEN	MAX	80	82	83	87	90	89	84	78	85	80	80	80	84	80	95	86	83	69	70	78	89	85	82	88	85	87	88	82	80	76	65	82.3
	MIN	54	55	60	59	60	53	54	54	52	57	56	55	53	55	54	54	48	49	40	34	50	52	50	48	59	56	55	55	51	50	55	52.8
FORMAN	MAX	83	75	87	87	88	88	89	85	84	82	82	84	85	90	91	83	80	67	67	78	84	86	84	84	84	84	86	90	83	81	67	82.8
	MIN	54	61	64	65	64	61	64	60	55	57	52	57	54	57	59	59	62	50	48	39	47	56	57	46	54	54	58	57	52	54	57	55.9
FORT YATES	MAX	80	76	83		86	87	86	81	84	81	79	83	87	88	84	81	80	65	82	79	91	81	88	89	81	87	87	84	79	72		82.4
	MIN	62	65	66		56	58	63	59	53	60	58	48	45	50	54	56	56	52	52	36	48	59	52	54	59	49	56	50	54	49		54.4
FOXHOLM 7 N	MAX	84	81	76	89	88	83	87	83	84	80	81	79	84	84	88	90	90	72	68	78	83	83	85	92	90	88	84	83	78		63	82.6
	MIN	56	52	61	56	61	51	58	58	57	52	49	48	54	55	53	52	47	51	37	33	48	55	52	47	60	53	62	70		50	49	52.9
FULLERTON	MAX	82	72	83	88	90	90	91	81	85	78	82	88	82	90	95	90	81	75	71	81	88	86	83	87	87	86	89	92	85	82	60	83.9
	MIN	54	63	64	62	65	59	63	59	54	60	51	59	53	57	54	57	57	51	39	40	45	55	57	47	55	53	57	58	54	57	53	55.2
GACKLE	MAX	80	76	81	85	88	87	88	79	81	76	80	81	86	86	91	85	76	71	68	75	86	83	81	79	84	83	85	78	78	72		81.0
	MIN	54	56	59	62	64	61	62	58	59	58	51	58	54	57	67	53	51	43	39	40	47	51	49	48	53	52	54	56	49	48		53.8

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	87	85	70	77	85	86	83	83	81	85	76	79	79	83	84	92	89	66	66	79	78	87	85	86	78	85	85	86	73	77	62	80.5
	MIN	62	65	61	55	64	53	58	52	58	54	46	56	52	58	59	55	49	49	37	37	55	57	54	56	59	58	61	56	47	54	47	54.3
GRAFTON	MAX	83	81	73	81	89	85	83	79	85	82	81	77	85	83	92	89	80	65	68	69	86	81	80	82	82	80	82	85	78	75	65	80.2
	MIN	54	52	59	64	57	51	56	55	53	56	46	51	53	58	48	56	48	44	41	46	56	51	51	43	56	47	56	58	52	54	53	52.4
GRAND FORKS CAA AP	MAX	85	81	75	79	89	88	87	80	84	78	83	76	85	78	96	84	66	66	66	70	88	86	77	87	68	83	85	90	77	78	60	79.8
	MIN	51	55	61	62	58	55	57	59	53	55	49	54	53	56	50	53	46	43	41	50	46	52	50	44	58	52	57	59	54	59	52	53.0
GRAND FORKS UNIVERSITY	MAX	84	80	74	78	87	87	85	80	84	77	80	76	85	78	95	84	75	66	67	69	89	87	77	85	76	81	83	89	77	76	61	79.7
	MIN	52	57	61	65	59	55	58	59	54	57	50	54	53	57	50	53	51	43	41	49	45	52	52	44	57	52	57	61	54	58	56	53.7
GRAND RAPIDS 1 N	MAX	84	75	80	89	90	90	89	82	85	82	81	83	85	85	93	86	75	74	70	77	85	85	80	85	84	81	89	89	82	78	60	82.4
	MIN	51	61	63	62	63	58	60	58	52	58	46	58	51	55	49	55	57	47	38	35	45	51	54	41	53	50	57	55	53	57	53	53.1
GRANVILLE	MAX	85	78	72	89	91	84	81	80	86	79	79	79	80	79	91	88	84	68	68	69	87	85	82	91	84	85	81	75	77	70	63	80.3
	MIN	57	55	62	58	58	54	59	56	53	53	47	57	53	58	60	53	50	50	41	34	49	57	51	51	60	55	55	59	50	54	50	53.5
GRENORA	MAX	75	87	82	92	88	88	82	77	81	76	77	80	86	85	88	93	88	68	74	78	90	88	84	93	90	84	86	69	70	64	66	81.6
	MIN	56	57	57	57	50	49	58	54	50	51	54	55	53	50	59	54	46	47	37		46	56	51	49	60	53	53	53	44	47	40	51.5
HANKINSON R R STATION	MAX	80	81	69	84	82	85	85	87	83	83	75	79	83	84	86	88	82	80	65	65	75	80	86	77	79	78	80	83	85	80	83	80.4
	MIN	55	60	63	67	62	61	66	61	60	59	55	57	57	61	55	61	61	49	41	42	52	57	54	48	55	55	57	58	57	56	53	56.6
HANNAH	MAX	82	79	68	84	81	78	78	75	79	75	79	75	80	75	86	82	76	64	62	69	81	79	79	81	78	80	85	82	72	68	58	76.5
	MIN	57	52	56	62	59	50	52	58	50	54	49	49	53	54	52	46	46	47	42	39	44	51	46	47	58	47	58	58	50	52	50	51.2
HANSBORO	MAX	82	79	68	87	92	81	79	77	82	73	79	79	82	74	86	83	62	63	63		84	80	75	85	75	80	80	84	74	67	61	77.2
	MIN	58	50	59	55	59	54	54	58	52	52	46	52	57	54	50	52	47	42	43		35	51	49	45	59	50	60	58	50	53	51	51.8
HETTINGER	MAX	78	78	81	84	84	83	83					79	85	85	92	89	70	58	66	72	86	86	86	88	89	87	87	72	79	70	62	80.0
	MIN	56	61	64	54	57	50	59					52	50	56	59	56	49	41	40	40	45	54	56	56	56	60	57	49	44	46	43	52.2
HILLSBORO	MAX	84	81	80	81	83	88	84	76	83	81	79	78	79	80	95	82	77	68	69	66	86	87	79	86	84	84	85	91	80	76	64	80.5
	MIN	50	57	56	54	56	58	59	59	61	60	52	63	60	55	51	51	48	47	42	40	45	56	54	46	50	63	56	62	55	59	53	54.1
JAMESTOWN CAA AP	MAX	83	67	78	88	89	88	88	80	84	75	80	79	83	81	95	86	69	65	67	76	86	86	80	86	80	83	84	81	77	70	60	79.8
	MIN	51	60	61	61	62	59	60	58	55	56	50	59	55	58	53	56	50	45	38	38	45	52	53	45	57	53	54	54	53	54	50	53.4
JAMESTOWN STATE HOSP	MAX	81	77	76	86	88	89	89	82	85	78	81	80	85	81	96	87	78	66	69	77	88	84	78	84	86	84	85	85	80	74	62	81.3
	MIN	52	59	62	62	63	59	61	59	55	61	49	60	56	56	53	57	52	49	40	40	42	54	54	43	57	54	55	57	54	54	52	54.2
KENMARE	MAX	83	81	72	76	87	85	82	80	78	85	75	80	78	83	78	88	88	65	67	66	78	83	84	81	92	83	88	86	78	77	61	79.6
	MIN	56	56	59	59	60	52	55	57	53	50	52	52	53	53	58	52	46	45	37	38	45	54	48	50	58	55	61	56	46	49	45	51.9
KENSAL WILDLIFE REFUGE	MAX	84	82	74	91	87	90	90	89	87	81	81	82	85	85	95	89	82	73	73	80	89	87	86	87	84	88	90	86	80	75	65	83.8
	MIN	50	60	62	56	60	53	53	57	59	56	45	52	55	55	52	56	49	43	35	33	46	52	50	44	57	53	54	55	53	49	52	51.8
LANGDON EXP FARM	MAX	81	78	68	84	85	80	78	75	81	79	78	73	82	78	88	83	80	61	65	69	83	80	80	81	80	79	85	83	75	72	65	77.7
	MIN	57	51	57	58	58	50	54	55	50	54	47	49	49	52	49	47	44	42	43	43	44	52	48	45	57	49	58	59	47	53	50	50.7
LARIMORE	MAX	85	82	81	83	86	89	88	79	85	82	81	79	85	80	91	85	80	67	68	71	88	83	78	85	78	81	84	89	79	75	62	80.9
	MIN	53	51	61	66	51	43	56	57	55	58	48	49	56	60	50	55	49	46	41	45	46	54	53	45	49	50	56	47	53	55	52	51.9
LEEDS	MAX	83	82	74	87	90	84	80	80	85	85	79	78	83	82	89	85	84	67	67	76	86	81	78	86	85	83	85	81	76	75	63	80.6
	MIN	65	54	60	59	59	52	55	54	50	55	45	50	52	54	53	53	47	44	37	33	51	51	50	50	59	51	60	56	49	53	51	52.0
LINTON	MAX	82	75	84	88	89	90	90	83	88	75	82	85	87	89	91	89	79	69	72	80	90	88	82	89	83	83	89	80	79	76	60	82.8
	MIN	58	64	66	59	57	58	61	58	50	50	44	58	48	50	50	55	53	53	53	35	41	46	52	45	58	59	58	56	49	53	50	53.1
LISBON	MAX	82	80	82	85	86	86	89	88	84	82	81	82	85	83	93	90	82	67	68	77	84	85	82	81	80	80	86	88	86	79	66	82.2
	MIN	49	59	64	65	63	60	65	60	56	55	50	54	56	58	50	59	59	50	37	37	43	58	55	48	54	54	56	57	54	58	55	54.8
LOSTWOOD 12 N	MAX																																
	MIN																																
MADDOCK AGR SCHOOL	MAX	82	78	74	88	91	87	84	81	86	83	81	79	83	81	92	87	83	69	69	77	87	86	82	88	83	84	87	81	78	69	62	81.4
	MIN	52	44	51	56	60	52	58	55	52	55	45	49	52	54	52	53	48	46	40	33	47	54	48	45	57	51	57	55	51	52	52	50.8
MANDAN EXP STATION	MAX	81	81	72	80	86	90	87	87	81	86	73	80	80	85	80	93	87	63	64	70	76	88	84	80	88	83	84	88	73	79	60	80.3
	MIN	59	63	63	59	57	56	60	57	52	60	45	57	55	61	57	58	54	51	39	38	47	53	58	50	59	58	61	56	50	54	50	54.7
MANDAN FT LINCOLN PARK	MAX	83	78	82	87	88	90	93	85	87	85	82	80	87	85	98	90	82	63	72	80	90	84	83	89	85	85	89	79	81	67	63	83.0
	MIN	53	51	60	62	57	56	57	53	52	52	44	55	56	54	63	54	46	48	36	35	44	53	62	61	65	62	57	52	46	46	47	52.9
MARMARTH	MAX				88	78	84	80	80	87	78	80	80	90	90	92	92	80	60	70	78	85		86	92	90	90	82	70	71	66	75	81.3
	MIN			63	55	54	54	59	53	52	52	50	57	59	59	61	60	56	53	43	42	47		58	56	59	61	59	50	56	52	46	54.5
MAX	MAX	80	80	69	76	86	86	84	84	79	84	75	78	79	84	78	89	87	61	67	69	77	84	82	80	89	83	85	85	74	76	62	79.1
	MIN	57	58	61	57	56	54	59	54	53	55	48	53	52	56	56	56	48	49	37	39	49	56	55	50	56	56	59	55	46	52	49	52.9
MAYVILLE	MAX	85	81	76	75	88	84	86	79	80	78	81	74	78	76	96	82	77	70	68	73	86	78	80	85	80	86	85	91	78	80	68	80.1
	MIN	48	57	56	67	56	56	58	60	56	62	50	57	56	61	51	56	53	46	49	44	49	55	53	46	59	50	57	54	57	55	52	54.4
MC CLUSKY	MAX	83	75	73	88	87	88	88	80	85	79	80	79	83	82	96	88	82	66	69	77	88	83	80	88	87	88	90	86	77	75	66	81.8
	MIN	57	56	58	56	62	55	59	53	49	58	46	54	52	56	54	51	54	44	36	33	44	48	50	45	53	54	55	49				51.5
MC HENRY 5 N	MAX	83	71	72	82	89	85	83	77	83	75	79	78	82	76	95	82	74	66	68	75	88	81	76	86	77	83	83	84	77	72	60	78.8
	MIN	49	52	59	59	57	54	58	56	52	55	48	50	52	53	51	53	49	45	37	35	44	52	51	46	56	49	54	55	52	50	50	51.1
MC LEOD 3 E	MAX	78	76	80	80	82	85	89	85	85	87	82	83	85	85	89	90	76	67	68	77	86	89	81	85	80	89	88	83	80	82	68	81.9
	MIN	54	65	63	65	63	57	64	60	50	58	49	60	55	58	53	60	60	48	38	38	46	56	45	47	54	55	58	55	59	57	52	54.9
MC VILLE	MAX				82	93	86	88	80	84	80	82	78	83	79	96	85	81	67	69	73	88	84	78	86	81	84	84	88	78	75	60	81.1
	MIN				58	58	53	57	57	52	55	45	47	52	53	49	53	49	44	36	36	43	53	48	43	57	50	54	58	51	52	51	50.5
MEDORA 3 NNE	MAX	82	81	84	88	91	86	83	82	89	86	84	84	90	88	94	94	91	62	72	78	92	89	87	96	94	91	81	74	76	71	68	84.1
	MIN	62	59	65	48	58	47	56	49	44	57	48	52	41	46	51	46			34	31	40	46		46	58			48	42	52	44	48.8
MINOT CAA AP	MAX	81	68	73	88	87	83	83	79	84	79	80	79	84	79	89	88	65	66	66	77	85	84	81	89	82	86	85	73	76	64	61	78.8
	MIN	57	53	59	58	63	53	56	56	52	52	53	56	53	59	55	52	45	48	40	36	52	58	53	56	60	53	62	57	48	53	45	53.3
MINOT EXP STATION	MAX	80	80	68	73	87	86	81	81	78	84	74	80	79	84	78	90	88	64	68	66	77	85	84	80	88	83	86	83	75	77	64	79.1
	MIN	57	55	61	57	62	55	60	56	53	53	51	58	54	59	59		47	48			53	58	58	59	59	62	62	62		54		56.6
MOFFIT 4 SE	MAX	82	78	78	87	89	88	90	86	85	84	80	79	83	83	93	90	87	66	72	78	87	82	81	82	82	83	87	83	80	72	60	81.8
	MIN		69	61	54	56	52		56	47	57	40	55	46	65	66			48	35	32				47	56	56	56	55	46	52	50	52.4
MOHALL	MAX	83	77	73	87	86	80	81	79	85	77	76	77	83	77	89	88	85	66	64	78	83	84	83	89	84	83	82	76	75	72	57	79.3
	MIN	52	53	61	59	63	50	58	54	53	51	52	53	59	56	56	57	47	48	35	35	46	53	44	45	60	54	61	56	49	53	47	52.3
MOTT	MAX	77	73	78	82	86	84	81	77	84	70	80	80	85	82	93	89	77	60	69	75	87	85	83	89	88	84	86	75	78	67	63	79.6
	MIN	57	61	63	50	54	51	58	51	48	55	45	52	47	49	53	56	52	49	35	34	41	48	50	51	57	56	59	51	45	52	45	50.8
MUNICH 4 SW	MAX	80	79	67	82	87	79	72	75	80	78	75	72	80	77	85	80	73	64	62	70	82	80	76	82	71	79	83	81	72	69	60	75.9
	MIN	52	48	53	54	54	46	51	50	44	49	43	49	44	47	47	46	47	37	34	35	38	48	43	41	52	45	53	52	42	46	45	46.3

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	80	76	80	88	89	89	87	85	85	78	80	79	84	84	90	85	83	73	78	75	88	84	80	87	84	84	88	79	79	70	63	81.7
	MIN	55	62	64	58	65	56	63	63	51	57	46	55	54	58	60	56	55	38	36	39	48	54	53	48	57	55	57	55	49	52	49	53.8
NEW ENGLAND	MAX	76	76	79	84	83	84	80	78	86	78	81	81	87	84	93	91	75	59	69	75	89	87	84	90	90	87	83	73	76	64	62	80.1
	MIN	54	62	64	51	56	51	57	52	48	57	46	52	50	53	54	55	48	49	38	37	44	53	54	50	54	59	58	49	43	50	43	51.3
NEW SALEM 1 S	MAX	81	77	80	85	89	89	86	82	85	76	77	80	85	81	94	88	70	65	71	77	90	85	82	89	85	86	87	73	76	66	60	80.5
	MIN	54	58	58	55	53	55	58	54	52	52	49	51	50	52	54	55	48	48	40	40	50	55	53	56	57	56	55	53	45	52	47	52.1
NEWTOWN	MAX	83	80	83	88	85	85	83	80	86	80	79	78	85	83	90	92	81	67	69	76	87	87	83	91	88	88	82	77	78	73	63	81.7
	MIN	58	58	63	53	57	50	59	54	48	52	50	50	52	56	58	57	47	50	37	36	43	55	56	54	61	57	61	57	45	52	47	52.7
OAKES	MAX	79	80	70	82	83	86	85	86	79	81	72	77	81	82	87	91	81	76	65	66	74	82	84	78	81	82	82	85	88	81	80	80.2
	MIN	56	63	65	65	66	62	65	61	57	60	52	60	55	55	54	59	63	51	40	39	45	55	55	44	56	55	60	59	53	60	52	56.2
PARK RIVER	MAX	84	82	71	83	90	85	85	81	84	82	80	79	85	84	92	89	83	66	65	70	87	83	80	84	83	82	84	86	78	77	65	80.9
	MIN	54	50	61	63	52	54	57	57	57	57	49	52	57	60	52	53	49	46	46	48	43	55	51	49	59	50	59	60	55	55	52	53.6
PARSHALL	MAX	81	79	81	86	85	87	84	78	84	75	78	78	83	82	90	90	67	67	68	76	86	86	84	91	89	87	82	75	78	70	62	80.3
	MIN	56	56	62	53	58	48	56	51	48	51	47	50	48	53	59	53	47	50	32	33	46	46	53	53	62	59	60	53	45	51	47	51.2
PEMBINA 2 N	MAX	82	82	81	85	86	86	85	81	84	82	78	78	80	80	89	89	86	65	64	69	78	80	78	85	80	83	86	88	77	75	69	80.4
	MIN	64	63	62	67	62	60	52	60	54	56	45	59	50	56	55	45	46	41	44	48	44	52	51	40	55	48	55	64	55	55	54	53.6
PETERSBURG	MAX																																
	MIN																																
PETTIBONE	MAX	79	76	72	85	88	87	88	77	83	72	80	79		83	95	91	85	66	70	76	88	83	80	87		85	86	79	77	69	62	80.3
	MIN	55	59	65	65	62	51	61	56	52	54	47	57		52	54	55	49	49	38	38	47	56	53	48		52	57	53	49	51	48	52.9
PORTAL	MAX	82	82	73	78	88	80	79	79	76	83	75	79	75	84	80	86	92	65	64	63	77	80	84	80	89	85	86	86	75	76	58	78.7
	MIN	53	56	61	57	61	49	57	55	52	48	52	51	50	53	58	51	45	46	41	40	48	46	45	51	59	54	57	54	42	54	44	51.3
POWERS LAKE 1 N	MAX	78		78	85	80	78	77	78	83	75	74	76	83	89	91			69	66	77	85	86	81	89	82	85	82	74	75	65	61	78.6
	MIN	57		61	54	58		56	58	46	46	48	45	44	56	51			44	31	34	43	47	45	48	58	52	58	62	40	50	41	49.4
RAUB 10 SSW	MAX	81	72	78	86	85	88	84	78	84	75	86	79	84	80	87	92	89	66	69	78	87	87	85	92	78	87	82	79	78	62	62	80.6
	MIN	61	60	62	59	68	64	56	51	48	51	52	56	55	61	58	55	48	49	45	41	55	57	54	48	59	59	61	55	47	54	46	54.7
RICHARDTON ABBEY	MAX	79	76	75	86	87	88	82	78	86	81	81	80	86	83	93	90	86	62	70	78	88	86	84	91	87	86	82	73	76	71	62	81.1
	MIN	57	61	62	54	57	54	57	53	51	55	51	53	51	60	52	58	47	49	40	40	48	59	59	54	59	60	58	52	46	52	46	53.4
RIVERDALE	MAX	79	80	71	76	84	84	83	82	78	84	73	78	77	82	78	89	88	59	65	68	74	82	83	81	82	82	85	84	72	76	61	78.1
	MIN	58	59	61	57	57	58	61	58	55	55	48	55	58	61	58	59	48	49	41	44	51	58	58	51	59	58	61	56	51	51	50	55.0
ROLLA	MAX	82	77	67	85	90	79	77	77	80	74	77	77	80	75	86	82	64	62	63	72	82	80	76	85	74	81	80	82	76	66	62	76.5
	MIN	58	52	58	57	60	56	56	58	55	52	50	53	59	57	55	52	57	45	43	38	47	56	53	48	58	52	60	59	51	55	49	53.5
RUGBY	MAX	83	82	75	90	93	84	82	80	86	84	81	79	85	83	90	90	86	67	68	78	88	82	80	89	89	85	84	83	76	74	65	82.0
	MIN	56	56	62	58	62	54	59	57	52	54	50	52	52	56	56	56	50	47	44	37	52	52	52	50	60	54	62	60	54	54	51	53.9
SAN HAVEN	MAX	82	77	71	87	91	83	80	76	82	76	76	79	83	78	89	81	81	63	64	74	83	75	79	84	80	80	79	80	72	68	59	77.8
	MIN	59	57	60	60	61	55	56	57	54	53	48	50	55	58	55	55	47	46	42	39	46	53	54	49	59	56	61	59	54	55	50	53.6
SHARON	MAX	83	80	73	82	86	84	85	78	80	78	78	76	80	78	93	84	78	65	65	70	84	82	78	83	78	82	82	85	75	75	60	78.7
	MIN	54	54	60	62	60	50	55	56	54	54	46	49	52	54	50	58	48	45	38	36	48	54	50	44	58	50	58	58	53	56	52	52.1
STANLEY	MAX	79	71	78	87	85	81	84	77	84	75	79	77	85	78	88	90	73	67	67	76	86	86	82	90	82	88	85	74	75	61	61	79.1
	MIN	54	52	59	52	54	49	56	51	48	47	47	45	48	55	55	51	43	45	36	33	46	55	51	48	57	52	58	50	40	48	43	49.3
STEELE	MAX	79	76	79	86	88	86	87	86	82	77	87	80	81	79	91	85	84	65	68	76	87	82	84	86	82	83	87	75	77	74	62	80.7
	MIN	56	58	56	58	61	56	60	62	51	57	46	55	51	55	54	53	49	47	37	37	43	52	50	47	56	51	53	57	47	50	47	52.0
TIOGA 1 E	MAX	84	83	75	82	88	85	83	79	77	84	74	76	75	85	78	90	93	64	66	67	78	87	88	83	90	87	87	85	74	76	57	80.0
	MIN	56	54	59	52	61	50	55	50	45	49	49	50	52	52	56	52	43	45	38	37	43	51	49	51	57	50	56	49	49	47	43	50.0
TOWNER	MAX	85	74	84	92	92	86	83	82	87	78	82	81	85	84	92	88	71	70	70	80	88	85	83	90	87	86	87	82	77	65	66	82.0
	MIN	52	46	49	59	58	46	53	50	45	47	43	44	54	48	48	55	45	42	35	30	46	49	44	46	47	56	53	49	50	45	49	47.8
TURTLE LAKE	MAX	74	78	81	86	82	79	81	83	80	87	80	82	79	80	86	94	86	73	70	74	88	84	81	89	86	88	92	82	77	71	72	81.5
	MIN	54	54	51	56	54	51	54	53	55	53	41	49	51	56	53	54	48	52	37	51	38	56	51	46	52	56	60	54	47	55	53	51.5
UNDERWOOD	MAX	81	81	70	76	86	87	89	84	80	85	77	80	78	82	79	91	88	62	65	69	76	85	82	80	88	83	87	88	74	76	60	79.6
	MIN	55	57	59	53	53	51	59	51	47	52	44	52	49	56	55	55	48	49	38	35	49	56	52	49	58	58	59	55	45	51	47	51.5
UPHAM 3 N	MAX	85	82	73	90	91	85	79	81	85	83	82	80	87	81	89	88	86	67	68	80	88	84	82	92	86	86	82	80	78	72	65	81.8
	MIN	60	55	62	56	54	51	58	54	48	53	47	49	49	52	53	55	49	44	41	34	46	50	48	49	60	55	60	56	50	53	50	51.6
VALLEY CITY	MAX	81	74	66	83	81	89	89	89	83	82	74	80	84	82	95	85	82	68	68	74	85	83	81	85	83	84	84	89	87	76	62	80.9
	MIN	51	63	63	61	64	63	64	60	58	58	50	60	57	55	53	50	52	49	39	38	43	57	54	42	58	54	64	57	55	58	55	55.0
VELVA	MAX	82	80	72	86	87	82	82	77	84	80	79	78	83	81	88	87	85	67	65	77	84	83	82	88	86	85	82	80	77	69	62	80.0
	MIN	57	55	61	56	58	53	59	56	53	55	46	55	53	60	59	51	49	50	38	35	53	55	54	49	60	54	64	58	50	54	57	53.8
WAHPETON STATE SCHOOL	MAX	85	79	83	84	86	88	88	87	86	82	81	82	86	89	89	88	82	70	67	77	81	90	83	82	78	82	85	88	85	86	66	82.7
	MIN	53	60	61	65	60	60	64	59	53	55	53	60	52	57	54	58	59	63	35	42	45	53	48	43	53	53	57	59	52	57	52	54.7
WASHBURN	MAX	81	76	78	85	87	85	85	80	86	79	78	79	84	82	93	87	83	72	70	77	85	85	82	86	85	86	90	80	78	71	63	81.2
	MIN	56	57	60	55	53	50	60	52	52	54	41	54	52	57	56	53	48	47	37	37	48	53	52	49	58	50	57	55	47	52	48	51.6
WATFORD CITY	MAX	85	81	82	91	87	86	81	85	88	77	82	81	87	84	92	95	84	64	70	80	89	88	85	95	90	86	86	75	79	65	64	82.7
	MIN	60	61	65	52	61	53	57	55	50	57	52	53	54	58	61	58	47	48	37	35	47	61	58	55	62	61	61	59	46	51	44	54.2
WATFORD CITY 14 S	MAX	84	83	85	89	90	88	85	80	88	88	84	81	88	88	93	95	85	68	72	80	92	90	90	96	96	92	83	75	78	74	64	84.6
	MIN	55	62	60	51	59	52	60	51	47	58	52	55	48	52	61	57	47	48	34	33	42	53	51		62	59	59	53	45	52	45	52.1
WESTHOPE	MAX	81	68	72	87	83	71	83	80	83	74	76	80	85	73	89	88	69	67	68	79	82	84	82	89	81	83	81	75	75	66	62	77.9
	MIN	58	58	60	56	60	51	56	56	57	54	48	49	50	54	53	51	47	48	40	35	45	49	44	47	59	54	59	51	49	53	48	51.6
WILLISTON WB CITY	MAX	84	80	80	91	84	86	80	80	85	77	77	78	87	82	89	92	64	66	71	77	90	88	84	93	90	87	83	70	75	58	66	80.5
	MIN	62	61	64	58	61	53	61	58	52	58	57	54	53	57	63	59	49	48	39	41	51	59	55	57	64	59	61	52	48	52	46	55.2
WILLISTON EXP FARM	MAX	87	82	82	91	88	86	81	79	87	75	78	78	85	84	91	95	88	65	69	77	89	89	84	93	89	87	83	71	72	61	65	81.6
	MIN	56	59	65	67			58	65	50	56	56	52			57	56				36	46	53	52		59	53	57	52	44	50	41	53.9
WILLOW CITY	MAX	84	74	75	89	85	84	80	79	85	78	79	79	83	79	91	86	68	69	69	78	86	84	82	90	79	83	85	82	76	68	66	79.8
	MIN	56	49	61	54	58	49	54	55	51	50	44	47	51	49	49	50	48	43	41	43	40	49	49	41	59	49	59	56	52	54	50	50.3
WILTON	MAX	79	74	90	90	86	85	86	79	79	84	80	77	85	82	94	87	77	68	69	76	85	85	82	88	83	88	89	78	77	68	58	80.9
	MIN																																
WISHEK	MAX	79	77	82	85	88	87	86	83	84	82	79	81	83	86	90	87	83	66	70	77	86	84	81	86	83	84	83		84	79	62	81.6
	MIN	55	60	63	59	59	57	62	58	54	58	47	56	54	58	52	56	55	51	40	34	45	55	55	45	57	55	53		49	50	47	53.3

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP	.26	.14	.03	.12	.30	.17	.16	.18	.23	.22	.17	.11	.21	.19	.24	.22	.20	.14	.16	.15	.23	.26	.22	.19	.15	.05	.27	.04	.29	.05	-	5.538
	WIND	40	48	39	20	31	29	21	39	42	39	28	28	40	39	35	29	55	28	29	23	43	49	41	25	49	37	30	29	63	27	95	1170
DICKINSON EXP STATION (A)	EVAP	.19	.26	.06	*	.36	.15	.20	.16	.20	.29	.15	.23	.25	.24	*	.45	.32	.11	.12	.16	.20	.25	.27	.24	.33	.19	.34	.15	.14	.19	.32	6.52
	WIND	140	160	105	45	130	60	50	85	65	70	60	145	65	60	75	80	155	90	50	45	80	90	115	60	160	80	110	65	120	150	125	2890
EDGELEY EXP FARM	EVAP	.23	.29	.02	.11	.21	.28	.25	.28	.24	.26	.10	.21	.21	.27	.31	.39	.24	.22	.11	.18	.24	.25	.35	.34	.30	.17	.16	.21	.21	.30	.21	7.15
	WIND	31	85	79	52	16	34	27	56	44	60	48	38	46	46	59	69	44	117	41	41	54	61	72	88	48	44	38	47	69	66	155	1775
MANDAN EXP STATION (A)	EVAP	.16	.20	.04	.12	.23	.21	.19	.24	.23	.20	.16	.27	.17	.18	.18	.24	.24	.17	.13	.15	.16	.22	.22	.23	.31	.14	.15	.23	.18	.12	.16	5.83
	WIND	67	115	97	75	81	50	34	71	118	31	73	82	70	52	71	88	127	127	63	49	50	88	132	70	169	66	61	116	97	65	199	2654
RIVERDALE	EVAP	.27	.29	.10	.06	.32	.23	.23	.27	.26	.28	.29	.31	.31	.22	.20	.37	.45	.07	.21	.10	.22	.34	.30	.23	.41	.26	.25	.34	.16	.17	.12	7.64
	WIND	104	141	119	44	65	48	84	75	52	62	50	107	53	60	83	102	148	85	76	54	67	85	87	73	137	81	90	93	117	68	155	2665
WILLISTON EXP FARM	EVAP	.33	.25	.12	.37	.35	.33	.30	.34	.34	.12	.28	.30	.38	.27	.35	.42	.23	.18	.21	.23	.45	.34	.36	.42	.44	.26	.22	.18	.31	.11	.19	8.98
	WIND	67	69	26	41	41	20	49	80	36	29	30	104	96	53	40	80	100	65	35	65	95	130	48	53	91	34	46	100	171	85	185	2164

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Geheke	2 3 5 7
Amidon	0209	Slope	1	48 29	103 19	2910	8A	SA	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thoreo	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	8S	S8	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond S. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	8	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0788	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1800	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 48	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	S	46 11	103 23	2980	5P	5P	O. H. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	S	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank B. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		8P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry B. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bangen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	87 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	8P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 8 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Bernard Teske	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 37	87 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	98 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	86 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil S. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	46 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	88 25	1439	6P	6P	F. O. Alio	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Heierle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Aohorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 B	3529	Mercer	6	47 10	102 03	1870		8P	Robert B. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Honderud	C
Grafton	3594	Walsh	10	48 25	87 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3686	McKenzie	7	47 24	103 14	2680		MID	Ralph Beiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	10P	10P	L. D. Wielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2685		MID	J. S. Crawford	C
Halliday	3846	Dunn	8	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3808	Richland	10	48 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Henson	C
Hannah	3936	Cavalier	9	48 59	88 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1800	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		8P	Stephen Schreder	3
Haynes 8 N	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	48 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2810		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	801	6P	6P	Alfred Jaboke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1815		MID	Ruth Huchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Serget	3
Kenmare	4848	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 18	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer S NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3 7
Kramer 5 SE	4823	Bottineau	12	48 38	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4856	Cavalier	8	48 45	88 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1800		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	87 38	1134	5P	5P	Nels H. Eogen	2 3 5
Leeds	5078	Benson	2	48 17	89 28	1515	8P	6P	Clarence McCormack	2 3 5
Lefor 10 E	5086	Stark	4	4S 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 18	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 28	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		8P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agrl. School	5434	Benson	11	47 56	89 30	1804	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5478	Morton	4	48 48	100 54	1750	SA	6A	No. G.P. Field Sta.	2 3 5 S 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1374	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	8	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.O. Co.	5575	Slope	7	48 18	103 55	2710		MID	E. B. Jestnee	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Keeler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. B. Schafer	2 3 5
Mayville	5680	Traill	10	47 30	97 19	975	6P	8P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	S	47 28	100 28	1843	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 58	–		MID	L. S. Erickson	C
McHenry 5 W	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blesky	2 3 5 7
McLeod 3 E	5734	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	88 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5788	Stutsman	8	46 53	99 18	1795		6P	Rudolph Graf	3
Medora 3 NNE	5613	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie S. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	98 46	1956	6P	6P	Alvin H. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	8P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 18	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 28	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	MID	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	–		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Roltao	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 8 7 C
Rolette	7655	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David S. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	–		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. S. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 W	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin R. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Stanley J. Vachal	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	S	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August H. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John D. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	6	47 08	100 00	1660		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertso	2 3 6 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	8155	Pembina	8	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	–		6P	Virgil H. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 W	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 B	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1870	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Delmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

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‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Divisions, as used in Table 2, become effective with data for August 1956.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

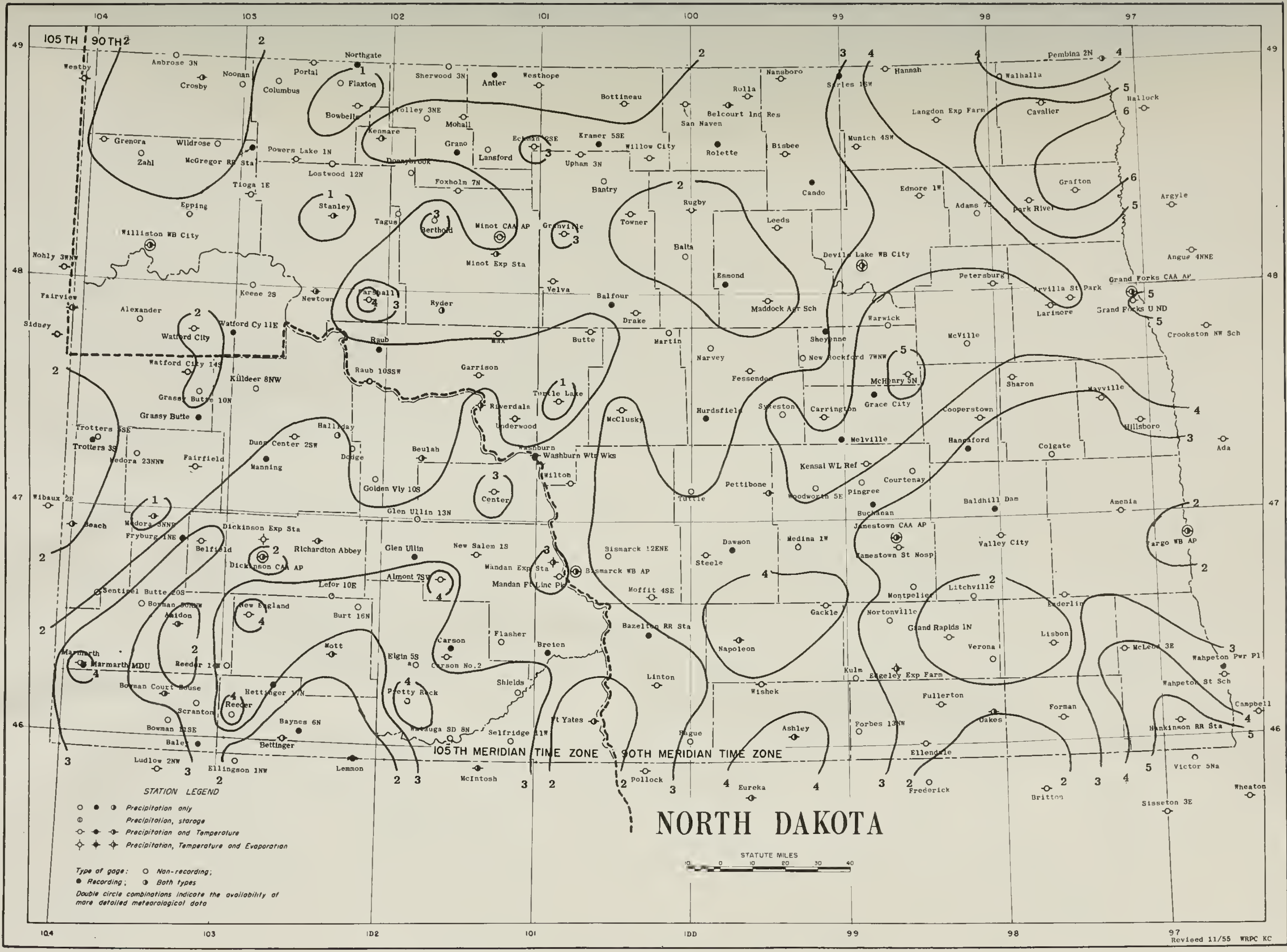
-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents.

Subscription Price: 20 cents per copy; monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

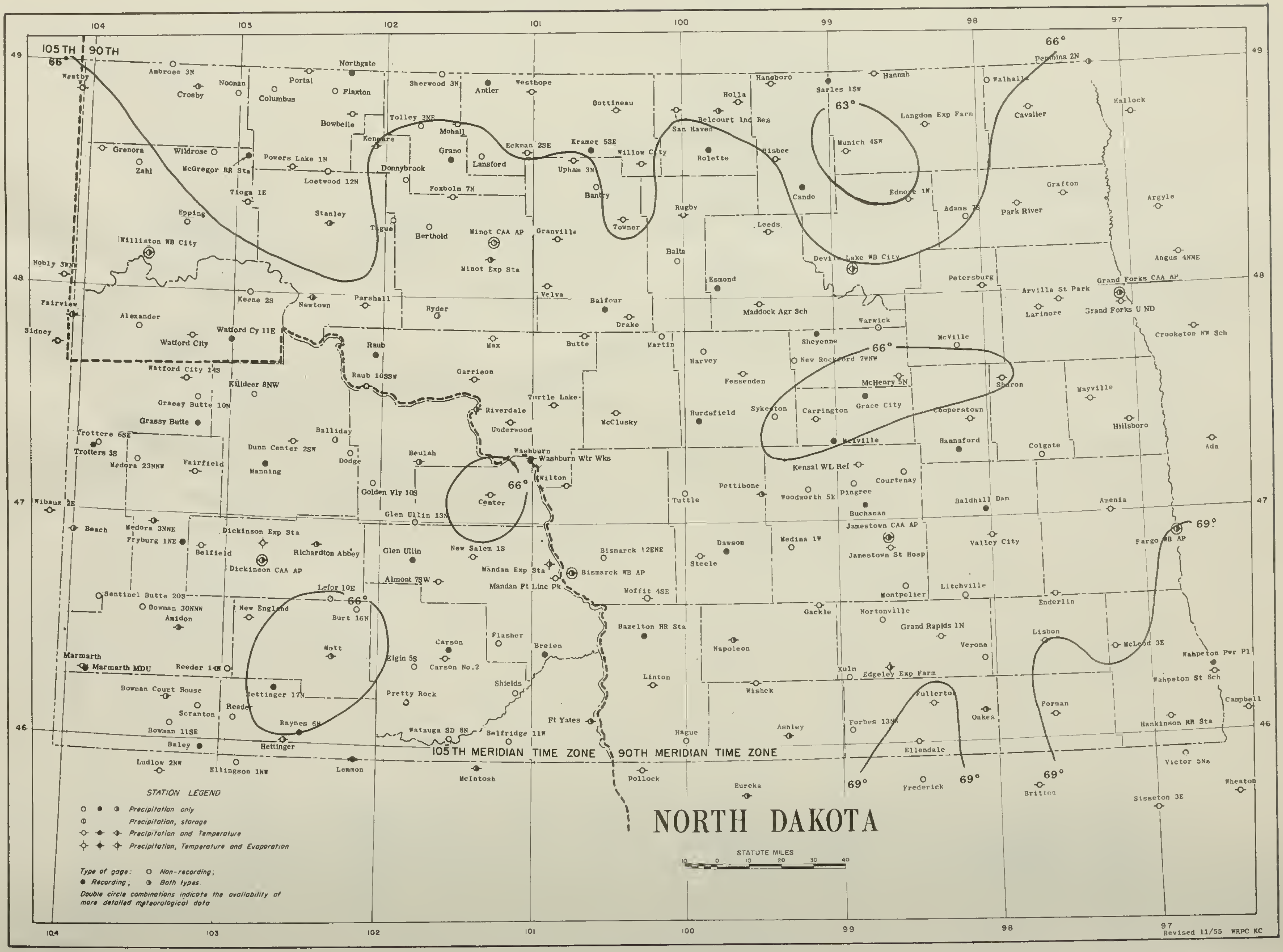
NWRC, Asheville, N. C. --- 10-1-56 --- 850

Total Precipitation (Inches), August 1956



Isolines are drawn through points of approximately equal values.

Average Temperature (°F.), August 1956



Isolines are drawn through points of approximately equal values.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

SEPTEMBER 1956
Volume LXV No. 9

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ASHEVILLE: 1956

NORTH DAKOTA - SEPTEMBER 1956

WEATHER SUMMARY

September was relatively cool throughout most of the month. Scattered showers fell during the first half but the weather during the last half was very favorable for fall field work.

The first few days of September were comparatively cool. Several stations in the southwest registered their lowest temperatures for the month on the 4th. Most northwestern stations registered their lowest minimums on the 6th. Mild temperatures prevailed from the 9th to 12th. A cold front moved southward across the State on the 12th and 13th followed by polar continental air which dominated the weather picture until the 23d. Most stations in the northeastern part of North Dakota registered their coldest temperatures on the morning of the 14th. The period 24th to 27th was very mild and afternoon temperatures on the 26th and 27th climbed into the 80's and 90's. Most stations over the entire State registered their highest maximums for the month on the 26th or 27th. Monthly maximums were in the lower 80's over the extreme northeast, in the upper 80's over the rest of the northern half of the State and in the extreme southwest, and in the 90's in other southern counties. The highest temperature for the State, 97°, occurred at Jamestown CAA Airport on the 27th. A cold front pushed southeastward on the 27th and was followed by more polar Canadian air. The coldest temperatures over the central, south central, and southeastern portions of North Dakota came on the morning of the 29th. Monthly minimum temperatures ranged from 17° at Munich 4 SW on the 14th to 33° at Williston Weather Bureau Office on the 4th and 6th. Temperatures at all stations except Williston Weather Bureau Office dropped to freezing or lower on at least one day during September. Freezing temperatures occurred at most stations on several days and at Munich 4 SW on fourteen days. Mild weather returned to North Dakota on the last day of the month. Monthly mean temperatures ranged from 47.4° at Munich 4 SW to 58.6° at Marmarth. Monthly mean temperatures were lower than the long-term means except at Marmarth. Monthly mean temperatures were only slightly below the long-term means over the western counties. They ranged from two to four degrees below the long-term means over most of the State. The greatest negative departures were in the extreme northeast and the extreme southeast. Temperatures at Grafton averaged 5.8° below the long-term mean.

Light scattered showers occurred on several days during the first half of the month and on the 28th. The most important showers occurred on the 2d, 13th, 14th, and 28th. Snow flurries fell at a few northern and eastern stations on the 14th and 28th. Monthly precipitation totals ranged from 0.12 inch at Adams and Pembina to 1.52 inches at Carrington. Only a few scattered vicinities received more than an inch of rain during the month. Many areas received less than a half inch. Precipitation at Carrington slightly exceeded the long-term mean. Several other stations in the Carrington vicinity, several northwestern counties, and a few scattered communities received more than half their long-term means but large areas of the State received less than half their seasonal precipitation. Rains over the extreme northeast were less than one-fourth of seasonal and Pembina 2 N received only 5 percent of the long-term mean for that station.

Light showers and damp weather delayed harvest operations during the first half of September but weather conditions improved after the middle of the month and combining of cereal grains was completed. Some flax remanied to be harvested in the northeastern corner of the State. Potato digging and sugar beet lifting were well underway. Harvesting of soybeans was about two-thirds complete and corn picking got a good start in the earliest sections. The warm dry weather during the last half of the month lowered the moisture content of the corn. It also was favorable for the completion of haying in the northeast where some farmers were waiting for the soughs to dry. Crop yields ranged widely over the State and from field to field. Drought, hot weather, and hail damaged crops severely in the extreme western and southwestern counties. Yields ranged from poor to fair over a narrow strip along the South Dakota border. Elsewhere, yields were mostly good except for local hail damage. Some extremely high yields were produced in the northeastern counties. Ranges and pastures continued to deteriorate and supplemental feeding became necessary in some southern sections. Pastures continued good in the northeastern part of North Dakota where the rains were more plentiful. The outlook for winter grazing was fair. Roughage feed supplies were expected to be adequate in all areas except the southwest where the hay and feed grain crops were short and where the carry-over from last year was small. Some stockmen in the southwest feared the possibility of a stock water shortage. Run-off was below average in those areas where there was little precipitation but stream flow increased and ground water levels rose in other areas where rains were more substantial.

Lucius W. Dye, Climatologist
Weather Records Processing Center
U. S. Weather Bureau
Kansas City, Missouri

STORMS

There were no storms reported in North Dakota after the 15th. On September 4th, there was considerable hail damage, especially in southern Barnes County. Hailstones were reported to be as large as baseballs. Windows were broken, screens were cut, and cars and buildings were damaged. Late crops were damaged and two hundred turkeys were killed on one farm by the hailstones.

On September 6th, a tornado caused considerable damage on one farm in southwest Barnes County. It turned over a threshing machine, demolished the car shed, and twisted the barns and granaries. No one was home at the time.

Three tornadoes were seen during the late afternoon on September 15th in northwestern Bottineau County. Granaries, a garage, haystacks, and other articles were moved and wrecked. A report was received that grass was torn out of the ground in the path of the tornado.

F. J. Bavendick
State Climatologist
U. S. Weather Bureau
Bismarck, North Dakota

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	E	14	9.8	38	NW	22	77	84	46	50	6	3	2	0	0	0	11	75	5.7
DEVILS LAKE WB CITY	–	–	7.4	25	N	28	–	–	–	–	6	5	2	0	0	0	13	60	6.1
FARGO WB AIRPORT	S	13	13.9	42	NW	28	77	86	50	51	3	7	0	1	0	0	11	51	6.1
WILLISTON WB CITY	–	–	6.8	31	NW	15	–	78	45	39	7	6	1	0	0	0	14	73	6.7

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
NORTHWEST DIVISION																								
BOWBELLS		68.3M	35.8M	52.1M		90	26	23	6	385	1	0	9	0	0.72		0.51	14	0.0	0		1	1	0
CROSBY		68.9	38.1	53.5	- 1.5	89	26	29	4	339	0	0	7	0	0.68	- 0.41	0.24	28	0.0	0		4	0	0
FOXHOLM 7 N		70.9	40.2M	55.6M	- 1.3	90	26	25	6	289	1	0		0	0.66	- 0.58	0.34	14	T	0		2	0	0
GRENORA		72.0M	39.4M	55.7M		86	9	27	5	276	0	0	5	0	0.83		0.40	2	0.0	0		2	0	0
KENMARE	AM	66.3	38.8	52.6		88	27	28	6	371	0	0	2	0	0.84	- 0.52	0.45	15	0.0	0		3	0	0
LOSTWOOD 12 N						88	26				0	0		0	1.51		0.80	28	0.0	0		3	2	0
MINOT CAA AP		66.3	41.2	53.8		88	26	29	6	340	0	0	2	0	0.57		0.35	14	T	0		2	0	0
MINOT EXP STATION	AM	65.6	41.4M	53.5M		87	27			341	0	0	3	0	0.79		0.51	15	0.0	0		3	1	0
MOHALL		68.2	39.7	54.0	- 2.4	90	26	25	6	328	1	0	4	0	0.97	- 0.45	0.42	14	T	0		3	0	0
NEWTOWN		70.8M	40.5M	55.7M	- 0.4	91	26	29	6	280	1	0	4	0	0.57	- 0.65	0.26	28	0.0	0		2	0	0
PARSHALL		70.1	40.5	55.3		89	26	28	6	292	0	0	4	0	0.96	- 0.48	0.50	14	T	0		2	1	0
PORTAL	AM	66.4M	38.5	52.5M	- 2.6	89	27	26	6	381	0	0	5	0	0.67	- 0.57	0.45	15	0.0	0		2	0	0
POWERS LAKE 1 N		67.8M	37.8M	52.8M		89	26	25	6+	370	0	0	8	0	0.46		0.21	14	0.0	0		1	0	0
STANLEY		67.5M	36.5M	52.0M		89	26	25	6	393	0	0	8	0	0.70		0.35	14	0.0	0		2	0	0
TIOGA 1 E	AM	67.3M	36.8M	52.1M		90	27	25	6+	388	1	0	10	0	0.61		0.33	15	T	0		2	0	0
WILLISTON WB CITY	R //	69.8	42.8	56.3	- 0.9	89	26	33	4+	264	0	0	0	0	0.58	- 0.63	0.43	28	T	0		1	0	0
WILLISTON EXP FARM		71.3M	39.7	55.5M		88	26	30	4+	277	0	0	5	0	0.50		0.32	28	0.0	0		1	0	0
DIVISION				53.9	- 2.1										0.74	- 0.54			T					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		65.5	36.1	50.8		85	26	18	14	419	0	0	9	0	0.44		0.18	28	T	0		1	0	0
BOTTINEAU	AM	64.6	38.5	51.6	- 4.2	86	27	24	29	401	0	0	6	0	0.46	- 0.92	0.11	15	T	0		2	0	0
DRAKE	AM	65.5M	40.5M	53.0M	- 3.9	86	27	30	29	355	0	0	3	0	0.65	- 0.76	0.48	15	0.0	0		1	0	0
ECKMAN 2 SE	AM	65.7	37.3	51.5	- 4.0	88	27	26	29	401	0	0	7	0	0.74		0.48	15	0.0	0		2	0	0
GRANVILLE		68.3M	41.7M	55.0M	- 2.4	90	26			293	1	0	3	0	0.82	- 0.41	0.45	14	0.0	0		2	0	0
LEEDS		66.7M	39.6	53.2M		86	26	24	29	352	0	0	4	0	0.72		0.26	14	0.0	0		3	0	0
MADDOCK AGR SCHOOL		66.7	40.6	53.7	- 3.8	86	26	26	14	335	0	0	3	0	1.15	- 0.32	0.50	14	0.0	0		2	1	0
ROLLA		63.0	38.9	51.0		85	26	23	14	414	0	0	5	0	0.54		0.24	28	T	0		1	0	0
RUGBY		67.7	41.9	54.8		87	26	28	14+	304	0	0	3	0	0.74	- 0.57	0.28	14	0.0	0		3	0	0
SAN HAVEN		65.7M	40.8M	53.3M	- 2.3	84	26			349	0	0		0	0.54	- 0.85	0.20	28	T	0			0	0
TOWNER		68.5M	35.4	52.0M	- 2.3	88	26	21	29	387	0	0	9	0	0.65	- 0.77	0.32	14	0.0	0		3	0	0
UPHAM 3 N		68.8	39.0	53.9		89	26	20	29	332	0	0	5	0	0.68		0.29	14	0.0	0		2	0	0
VELVA		68.1	41.8	55.0	- 2.6	88	26	29	6	302	0	0	3	0	0.77	- 0.56	0.41	14	T	0		2	0	0
WESTHOPE		65.2	38.4	51.8	- 4.5	88	26	25	6	391	0	0	5	0	0.49		0.14	14	T	0		3	0	0
WILLOW CITY		67.3	37.1	52.2	- 3.5	87	26	20	29	377	0	0	6	0	0.46	- 0.80	0.15	14	0.0	0		3	0	0
DIVISION				52.9	- 3.2										0.66	- 0.73			T					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		67.9	37.7	52.8		87	26+	20	14	358	0	0	5	0	0.23		0.07	15	0.0	0		0	0	0
BISBEE		64.0	38.8	51.4		86	26	27	14	403	0	0	5	0	0.36		0.15	28	0.0	0		1	0	0
CAVALIER		66.1	40.7	53.4		83	26	28	14	343	0	0	4	0	0.33		0.12	2	0.0	0		1	0	0
DEVILS LAKE WB CITY	R //	64.2	40.7	52.5	- 3.8	87	26	27	14	373	0	0	4	0	0.69	- 1.38	0.41	14	T	T	14+	2	0	0
EDMORE 1 W		62.8	35.4	49.1		82	26	19	14	470	0	0	9	0	0.40		0.15	15	0.0	0		3	0	0
GRAFTON		65.7	38.9	52.3	- 5.8	83	26+	25	14	372	0	0	6	0	0.29	- 1.76	0.10	5	T	0		1	0	0
GRAND FORKS CAA AP	R	66.2	39.7	53.0		88	27	25	14	363	0	0	6	0	0.13		0.05	15	0.0	0		0	0	0
GRAND FORKS UNIVERSITY		66.8	40.5	53.7	- 3.7	86	27	25	14	338	0	0	4	0	0.33	- 1.40	0.09	5	0.0	0		0	0	0
HANNAH		64.9M	36.3M	50.6M		85	26	26	14	424	0	0		0	0.52	- 1.39	0.43	28	0.0	0		1	0	0
HANSBORO		64.3M	37.0M	50.7M	- 4.3	87	26	22	14	427	0	0	7	0	0.42	- 0.95	0.20	28	T	0		1	0	0
LANGDON EXP FARM		64.0	37.6	50.8	- 4.7	83	26	20	14	420	0	0	6	0	0.38	- 1.67	0.18	28	T	0		1	0	0
LARIMORE		67.2	39.9	53.6	- 4.2	87	27	25	14	340	0	0	2	0	0.31	- 1.42	0.10	15	0.0	0		1	0	0
MC VILLE		66.4	39.0	52.7		89	27	23	14	366	0	0	4	0	0.68		0.37	15	0.0	0		2	0	0
MUNICH 4 SW		62.2	32.5	47.4		82	25	17	14	524	0	0	14	0	0.50		0.29	28	0.0	0		2	0	0
PARK RIVER		67.1	41.9	54.5	- 2.7	87	27	27	14	313	0	0	2	0	0.34	- 1.79	0.11	5	0.0	0		2	0	0
PEMBINA 2 N		65.9	38.4	52.2		84	27+	24	14+	382	0	0	5	0	0.12	- 2.33	0.07	1	0.0	0		0	0	0
PETERSBURG						92	27				1	0		0					0.0	0				
DIVISION				51.9	- 4.4										0.38	- 1.54			T					
WEST CENTRAL DIVISION																								
BEULAH	AM	69.5	37.6	53.6		91	27	26	6	339	1	0	8	0	0.41		0.13	28	0.0	0		3	0	0
BUTTE	AM	65.5	41.9M	53.7M		87	27	31	6+	343	0	0	3	0	0.71		0.40	15	T	0		2	0	0
CENTER		69.4M	38.6	54.0M		87	26	20	29	323	0	0	3	0	0.31		0.28	14	0.0	0		1	0	0
DUNN CENTER 2 SW	AM	67.8	41.6	54.7	- 0.7	91	27	29	6	310	1	0	3	0	0.40	- 0.84	0.17	28	0.0	0		2	0	0
GARRISON	AM	67.4	41.4	54.4	- 3.0	87	27	28	6	322	0	0	3	0	0.57	- 0.70	0.17	28	0.0	0		4	0	0
MAX	AM	65.4	40.4	52.9	- 3.2	86	27	29	29	361	0	0	2	0	1.15	- 0.15	0.61	15	0.0	0		2	1	0
RAUB 10 SSW		71.1M	43.0M	57.1M		91	26			247	1	0		0	0.31		0.14	28	0.0	0		1	0	0
RIVERDALE	AM	65.9	41.3	53.6		87	27	27	29	[illegible]	0	0	2	0	0.51		0.20	28	0.0	0		2	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
TURTLE LAKE	68.0	39.6M	53.8M		81	24	26	29	314	0	0		0	0.95		0.54	2	0.0	0		3	1	0
UNOERWOOO AM	66.9	39.2	53.1		87	27	25	29	355	0	0	5	0	0.35		0.11	28	0.0	0		1	0	0
WASH8URN	70.5				87	26				0	0		0	0.65	- 0.67	0.41	13	0.0	0		2	0	0
WATFORD CITY	72.5	41.1	56.8	- 1.2	92	26	28	6	249	1	0	4	0	0.54	- 0.71	0.32	28	0.0	0		2	0	0
WATFORO CITY 14 S	75.7	40.1	57.9		93	26	27	6+	221	2	0	5	0	0.55		0.28	28	0.0	0		2	0	0
WILTON	69.0M									0	0		0	0.40		0.16	14	0.0	0		2	0	0
OIVISION			54.6	- 2.5										0.56	- 0.80			T					
CENTRAL OIVISION																							
CARRINGTON AM	65.1	38.3	51.7	- 4.7	87	28	27	14	392	0	0	5	0	1.52	0.06	0.98	15	0.0	0		2	1	0
FESSENOEN	69.3	40.5M	54.9M	- 2.6	88	26	25	29	306	0	0	3	0	0.98	- 0.49	0.60	14	0.0	0		2	1	0
JAMESTOWN CAA AP R //	68.2	40.7	54.5		97	27	26	29	316	1	0	4	0	0.38		0.26	14	0.0	0		2	0	0
JAMESTOWN STATE HOSP	69.8	41.5	55.7	- 2.9	96	27	26	29	280	1	0	3	0	0.31	- 1.01	0.11	14	0.0	0		2	0	0
KENSAL WILOLIFE REFUGE	71.5	39.5	55.5		93	27	22	29	283	1	0	4	0	1.36		0.59	14	0.0	0		3	1	0
MC CLUSKY	68.6	40.2	54.4	- 3.6	89	26	27	29	314	0	0	3	0	0.74	- 0.74	0.40	14	0.0	0		3	0	0
MC HENRY 5 N	65.8	39.2	52.5		88	27	23	14	370	0	0	4	0	0.86		0.41	14	0.0	0		2	0	0
PETTIBONE	67.8M	40.4	54.1M	- 3.8	89	26	21	29	327	0	0	3	0	0.48	- 1.16	0.25	14	0.0	0		2	0	0
STEELE	70.0	38.6	54.3	- 3.8	92	27	21	29	320	1	0	3	0	0.48	- 1.23	0.20	13	0.0	0		2	0	0
OIVISION			54.2	- 3.2										0.79	- 0.78			0.0					
EAST CENTRAL OIVISION																							
AMENIA	70.6	41.8	56.2		92	27	27	29	264	1	0	3	0	0.89		0.39	15	0.0	0		2	0	0
COOPERSTOWN	68.0M	39.8M	53.9M		92	27	25	29	333	1	0	3	0	1.06	- 0.69	0.50	14	0.0	0		3	1	0
FARGO W8 AP R //	68.3	43.0	55.7	- 3.2	92	27	27	14	291	1	0	3	0	0.83	- 0.89	0.60	14	T	0		1	1	0
HILLS8ORO	69.5	42.1	55.8	- 3.0	91	27	27	29	278	1	0	3	0	0.80	- 1.08	0.35	14	T	0		3	0	0
MAYVILLE	69.1	42.4	55.8	- 3.8	90	27	26	14	278	1	0	3	0	0.51	- 1.23	0.29	14	0.1	0		2	0	0
SHARON	67.1	41.1	54.1	- 3.0	89	27	25	14	325	0	0	4	0	0.75	- 1.08	0.33	15	T	0		3	0	0
VALLEY CITY	70.4	41.9M	56.2M	- 2.9	94	27	26	29	269	1	0		0	0.75	- 0.75	0.52	14	0.0	0		2	1	0
OIVISION			55.4	- 3.1										0.80	- 0.87			T					
SOUTHWEST OIVISION																							
AMIOON AM	71.8	41.6	56.7		91	27	29	4+	264	1	0	2	0	0.20		0.12	5	0.0	0		1	0	0
BEACH AM	70.1	41.3	55.7		90	27	28	4	281	1	0	3	0	0.59		0.23	13	0.0	0		3	0	0
8ELFIELO	71.3	40.2	55.8		91	26	29	4	280	1	0	5	0	0.66		0.36	13	0.0	0		3	0	0
BOWMAN COURT HOUSE	74.2	40.1	57.2	- 3.2	89	26	29	4+	240	0	0	4	0	0.51		0.17	4	0.0	0		3	0	0
OICKINSON CAA AP R //	70.9	42.0	56.5		90	26	31	4	267	1	0	1	0	0.61		0.42	12	0.0	0		2	0	0
OICKINSON EXP STATION AM	70.4	41.3	55.9	- 0.5	92	27	29	6	279	1	0	3	0	0.76	- 0.37	0.54	13	0.0	0		2	1	0
FAIRFIELO	70.3	41.0M	55.7M		89	26			276	0	0		0	0.40		0.15	13	0.0	0		2	0	0
HETTINGER	71.0M	40.7M	55.9M	- 3.2	87	26			278	0	0		0	0.68	- 0.45	0.28	4	T	0		3	0	0
MARMARTH	75.9M	41.3M	58.6M	0.3	91	27	29	24	189	1	0	5	0					0.0	0				
MEOORA 3 NNE	75.6	37.3	56.5		94	26	23	23	254	1	0	6	0	0.48		0.22	13	0.0	0		3	0	0
MOTT	72.2	38.7	55.5	- 3.4	90	26	26	23	288	1	0	6	0	0.62	- 0.65	0.18	4+	0.0	0		4	0	0
NEW ENGLANO	71.3	40.4	55.9	- 2.8	90	26	28	4+	273	1	0	5	0	0.40	- 0.75	0.17	13	0.0	0		3	0	0
RICHAROTON A88EY	71.8	42.8	57.3	- 1.4	90	26	31	29	234	1	0	1	0	0.66	- 0.48	0.30	13	0.0	0		3	0	0
OIVISION			56.4	- 1.7										0.55	- 0.63			T					
SOUTH CENTRAL OIVISION																							
ALMONT 7 SW	71.3	43.9M	57.6M		88	26	29	29	239	0	0	1	0	0.55		0.39	13	0.0	0		1	0	0
8ISMARCK WB AP R //	70.0	41.0	55.5	- 3.0	88	26	25	29	287	0	0	3	0	0.55	- 0.88	0.22	13	0.0	0		2	0	0
CARSON NO 2 AM	70.4	42.2M	56.3M	- 2.7	91	27	27	29	269	1	0	2	0	0.49	- 0.85	0.21	13	0.0	0		2	0	0
FORT YATES	74.8M	41.5M	58.2M	- 2.2							0		0					0.0	0				
LINTON	72.5	41.0	56.8	- 3.5	95	27	25	29	261	2	0	5	0	0.75	- 0.68	0.35	4	0.0	0		2	0	0
MANOAN EXP STATION AM	68.2	41.7	55.0	- 3.9	88	27	24	29	302	0	0	2	0	0.46	- 0.88	0.16	13	0.0	0		3	0	0
MANOAN FT LINCOLN PARK	72.7	39.1	55.9		89	26	22	29	264	0	0	2	0	0.59		0.21	13	0.0	0		2	0	0
MOFFIT 4 SE	71.6M	40.3	56.0M		90	27	24	29	275	1	0	5	0	0.67		0.35	13	0.0	0		2	0	0
NEW SALEM 1 S	70.9	41.9M	56.4M	- 2.5	89	26	28	29	270	0	0	1	0	0.40	- 0.90	0.25	13	0.0	0		1	0	0
OIVISION			56.4	- 3.0										0.56	- 0.80			0.0					
SOUTHEAST OIVISION																							
ASHLEY	70.4M	40.9M	55.7M	- 2.5	93	28	25	29	282	2	0		0	0.34	- 0.89	0.17	4	0.0	0		2	0	0
EOGELEY EXP FARM AM	70.4	41.2	55.8	- 3.0	94	28	27	29	285	1	0	4	0	0.52	- 0.91	0.30	5	0.0	0		2	0	0
ELLENOALE	73.6	42.8	58.2	- 1.6	93	27	31	29	213	1	0	2	0	0.56	- 0.80	0.18	5	0.0	0		3	0	0
ENOERLIN AM	68.5	40.2	54.4		92	28	27	14	321	1	0	5	0	1.27		0.62	15	0.0	0		3	1	0
FORMAN	72.3M	43.2M	57.8M		95	27	28	29	231	1	0		0	0.72	- 0.70	0.32	14	0.0	0		3	0	0
FULLERTON	73.1	41.7	57.4	- 2.2	93	27	28	29	237	2	0	4	0	0.49	- 0.87	0.17	5	0.0	0		2	0	0
GACKLE	69.4	42.1	55.8		93	27	27	29	278	1	0	2	0	0.51		0.35	4	0.0	0		1	0	0
GRANO RAPIOS 1 N	72.9	39.2M	56.1M		95	27	24	29	267	2	0	5	0	0.59		0.24	4	0.0	0		3	0	0
HANKINSON R R STATION AM	68.1	41.5	54.8	- 4.5	92	28	30	29	311	1	0	4	0	0.69	- 1.00	0.20	13	0.0	0		4	0	0
LISBON	72.1	40.9	56.5	- 1.8	92	27	26	29	262	1	0	5	0	0.68	- 0.79	0.18	5	0.0	0		3	0	0
MC LEOO 3 E	71.2	43.7M	57.5M	- 2.4	91	27			222	1	0	2	0	1.08	- 0.46	0.54	14	0.0	0		3	1	0
NAPOLEON	70.9	41.3	56.1	- 2.7	96	27	25	29	270	1	0	2	0	0.66	- 0.74	0.31	4	0.0	0		3	0	0
OAKES AM	69.6	42.3	56.0	- 3.0	92	28	28	29	281	1	0	3	0	0.69	- 0.56	0.29	5	0.0	0		3	0	0
WAHPETON STATE SCHOOL	73.3	40.5	56.9	- 4.4	93	27	27	29	250	1	0	3	0	0.73	- 0.88	0.38	15	0.0	0		2	0	0
WISHEK	71.4M	40.3M	55.9M	- 3.6	94	27	24	29	276		0		0	0.57	- 0.73	0.30	4	0.0	0		3	0	0
OIVISION			56.3	- 2.8										0.67	- 0.75			0.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
SEPTEMBER 1956

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	.76	T		.12	.01	.14								T	.17	.31							.01									
ADAMS 7 S	.12		T	.02		.04		.06																								
ALEXANDER	.81					.20			.15						.08														.38			
ALMONT 7 SW	.55		.04		.05	.05								.39	.01														.01			
AMBROSE 3 N	.47			.07		T								.03	.14	.01													.22			
AMENIA	.89			.03		.09									.38	.39																
AMIDON	.20		T			.12								.08															T	T		
ARVILLA STATE PARK	.23	T	.03			.02		T				.03	T	.03	.03	.07	.02															
ASHLEY	.34			T	.17	.01						.10		.06	T																	
BALTA	1.11		.08		.14	.06							.10	.03	.38	.09	.11						T							.12		
BANTRY	.62															.37	.10											.15				
BEACH	.59		.01	.06		.12								.23															.15	.02		
BELCOURT INDIAN RES	.44	T	T	T	.05	T		.05						.02	T	.06	.06												.18	T	.02	
BELFIELD	.66		T	T	T	.12	T		T					.36	T		T												.12	.06	T	
BERTHOLD	.98		.01	.01		.06						.01	.01	.02	.45	.02													.39		T	
BEULAH	.41					.05								.11	T	.12													.13			
BISBEE	.36				.08	T							T		.05	.08													.15			
BISMARCK WB AP R//	.55		.15		.04	.05			T	T		T	T	.22	.09														T	T		
BISMARCK 12 ENE	.47			.18		.04	.01							.24	T																	
BOTTINEAU	.46	.01	.02		.07	.04	.01	T				T		.04		.11	.05												.01	.10		
BOWBELLS	.72			.05		.02								.04	.51	.03														.07		
BOWMAN COURT HOUSE	.51		.05		.17								.02	.13															T	.14		
BOWMAN 11 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWMAN 30 NNW	.49				.12									.37															T	T		
BURT 16 N	.28	.03			T	.10								.15															T	T		
BUTTE	.71		.03		.04	.04								.07		.40													.10	.03		
CARRINGTON	1.52	.28		.03	.02	.05	.02							.07		.98	.02													.05		
CARSON NO 2	.49			.05		.19						.02		.21		.02																
CAVALIER	.33	.05	.12	T		.09		.01		T		T		.03		T	T												.03		T	
CENTER	.31													T	.28														.03			
COLGATE	.89					.17									.52	.20																
COLUMBUS	.69			.05										.02	.35	.01													.20	.06		
COOPERSTOWN	1.06		T	T	T	.16							T	.05	.50	.35	T															
COURTENAY	1.35				.06	.07								.16	.82	.24																
CROSBY	.68		.11	.01										.02	.17	.01													.24	.10	.02	
DEVILS LAKE WB CITY R//	.69		.02		.03	T	T	T				T	.02	.05	.41	T	.03			T									.13			
DICKINSON CAA AP R//	.61	T	T		T	.10							.42	T	.01														.06	.02		
DICKINSON EXP STATION	.76	T	T	T		.10	.02							.54	T														.08	.02		
DONNYBROOK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRAKE	.65	T	.05		.02	.02						.03		.05	T	.48		T														
DUNN CENTER 2 SW	.40		.01	T		.05								.15	T	.01													.17	.01	T	
ECKMAN 2 SE	.74	T			.05	.01								.08	T	.48	.02													.10		
EDGELEY EXP FARM	.52	.05		T		.30								.02		.15																
EDMORE 1 W	.40		.05	T	T	.10					T	T	T	T	T	.15													.10		T	
ELGIN 5 S	.34		T		.23	.09						.02	T		T														T			
ELLENDALE	.56	T		.02	.12	.18	T			T		.08	T	.11	.02	.03							T									
ENDERLIN	1.27	.27		.04		.30					.02			.02		.62	T															
EPPING	.54		.02	.02	T	.02					T				.20														.26	.02	T	
FAIRFIELD	.40		.06			.06								.15	T														.11	.02		
FARGO WB AP R//	.83		.01	.02	.08	.03							T	.05	.60	.01	T						.03						T			
FESSENDEN	.98				.04	.02						.06	.02	.09	.60	.05													.10			
FLASHER	.52					.25								.27																		
FLAXTON	.85			.05							T			.04	.67	.02							T							T	.07	
FORBES 13 NW	.41			T	.20	.07						.14	T	T	T																T	
FORMAN	.72				.16	.14					.02		.08		.32								T									
FORT YATES	-					.36						-						-														
FOXHOLM 7 N	.66												T		.34	.02													.30		T	
FULLERTON	.49				.14	.17						.06	T	.04	.08																	
GACKLE	.51				.35	.05									.09		.02															
GARRISON	.57		.03			.02						.10		.10	T	.15													.17	T		
GLEN ULLIN 13 N	.52													.26	.13														.13			
GOLDEN VALLEY 10 S	.23					.06							T	.15	.02																	
GRAFTON	.29	.04	.04	T	T	.10		.03					T	.07		T													T	.01		
GRAND FORKS CAA AP R	.13		T	T	T	.03	T	.02				.01	.02	T	T	.05	T						T						T			
GRAND FORKS UNIVERSITY	.33	.02	.03	.03		.09	T	.04		T		.02	.03	.02	T	.05	T						T						T			
GRAND RAPIDS 1 N	.59	T			.24	.10									.22	.03																
GRANVILLE	.82		.08	.03	T							.02	T	.02	.45	.03													.19		T	
GRASSY BUTTE 10 N	.40																												.30	.10		
GRENORA	.83		.40								.04			.07		T														.32		
HAGUE	.42			T	.22	.06				T		.12	T	T	.02														T			
HALLIDAY	.39		.05			.02								.19	T														.13			
HANKINSON R R STATION	.69	.08	T			.10					T			.20		.16	.15						T									
HANNAH	.52	.03	T	.04	T	.02											T	T.											.43		T	
HANSBORO	.42			.03	.05						T			.07	T	T	.07			T									.20			
HARVEY	1.01							.05		.12				T	.64	.05													.15			
HETTINGER	.68			.10	.28	.01								.09																.20		
HILLSBORO	.80					.24		T				T	T	.06	.35	.15	T						T						T			
JAMESTOWN CAA AP R//	.38		T		.10	T				T				.02	.26														T		T	
JAMESTOWN STATE HOSP	.31				.10	.05									.11	.05																
KEENE 2 S	.43									.11		.02																	.30			
KENMARE	.84			.12		.04								.05	T	.45														.18		
KENSAL WILDLIFE REFUGE	1.36	.19	T		.09	.05									.59	.44																
KILLDEER 8 NW	.21					.11								.10																		
KULM	.27				.20	.07										T																
LANGDON EXP FARM	.38	.05	.05	.01	.01	.01		.02								.02		.03		T									.18			
LANSFORD	.82			.02	.06								.07		.34	.08													.22		.03	
LARIMORE	.31		.05	T	.04								.02	.05	.05	.10																
LEEDS	.72		.04		.05	.02							T	.05	.26	.12													.18			
LEFOR 10 E	.30		T		.01	.09								.18															.02			
LINTON	.75			.15	.35	.05						.07	.05	.06	.02																	
LISBON	.68	.02		.07	.10	.18					T			.04	.08	.16	.03															
LITCHVILLE	.55			.06	.18	.11				.01					.11	.04	.04															
LOSTWOOD 12 N	1.51							.04								.57													.80	.10		
MADDOCK AGR SCHOOL	1.15	.01	.02		.08	.02						.02	T	.05	.50	.26	.09						T						.08			
MANDAN EXP STATION	.46			.12		.07	T					T		.16	.01	.10													T			
MANDAN FT LINCOLN PARK	.59		.05	.18	.04	.05								.21	.06														T			
MARMARTH	-		T			-																								.06		
MARTIN	.93			T	T				.02							.84							T				.07					
MAX	1.15		.08			.03						.04		.09	T	.61													.30			
MAYVILLE	.51				T	T						T	.01	.02	.29	.18	.01												T			
MC CLUSKY	.74					.02								.22	.40														.10			
MC HENRY 5 N	.86		.02		.01	T								.06	.41	.31	.04			.01									T			
MC LEOD 3 E	1.08			.12		.25								.09	.54		.04						.04									
MC VILLE	.68	.03				T							T		.26	.37	.02	T		T												
MEDINA	.42				.17											.25																
MEDORA 3 NNE	.48		.02			.10								.22															.14			
MEDORA 23 NNW	.51	.12	T			.06								.15															.18			
MINOT CAA AP	.57		.01		T	.01					T		T	.04	.35	.01													.15			
MINOT EXP STATION	.79	T	.03			.02					T			.01	T	.51	T												.10	.10	.02	
MOFFIT 4 SE	.67			.01	.21	.05	T				T	.01	T	.35	.01	.03													T			
MOHALL	.97			.07	.04	.04							T	.01	.42	.12													.23		.04	
MONTPELIER	.48	.06		.06	.20	.06								T	.06	.02	.02												T			
MOTT	.62		.10		.18							T		.18	.02							T								.14		
MUNICH 4 SW	.50			.15	.02	.02		.02			T	T	T	T															.29			
NAPOLEON	.66			.11	.31	.05								.09	.10																	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
SEPTEMBER 1956

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.40		T		T	.11								.17	.02														T	.10		
NEW ROCKFORD 7 WNW	.68				.15								T	T	.53																	
NEW SALEM 1 S	.40	.07	T	T	T	T					T			.25	.08														T	T		
NEWTOWN	.57					.06					T			.03	.22														.26			
NOONAN	.70														.38														.23	.09		
NORTONVILLE	.58				.32																	.26										
OAKES	.69	.12		.07		.29	T				.01	.02		.04		.14	T															
PARK RIVER	.34	.10	.01			.11		.03		T				.05		.04	T												T			
PARSHALL	.96		.03			.05						T		.03	.50														.35			
PEMBINA 2 N	.12	.07												.03					.01				.01									
PETERSBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								T			
PETTIBONE	.48		.05	.01	.02	.04								.11	.25														T			
PINGREE	.60			T	T									.08	.42	.10													T			
PORTAL	.67			.06	.03									.01		.45													.11	.01		
POWERS LAKE 1 N	.46		.05	T	T	.05						.04	T	.03	.21	T													.08			
PRETTY ROCK	.48	T	.09	.03	.12	.05			T	.03			T	.12																.04		
RAUB 10 SSW	.31											.04		.06	.07														.14			
REEDER	.56		.06	.21	.02						T		.01	.10	T															.16		
REEDER 14 N	.62			.12		.16								.19																	.15	
RICHARDTON ABBEY	.66		.01			.20							T	.30	.01														.14	T		
RIVERDALE	.51		T	T		.07						T		.09	T	.15													.20	T	T	
ROLLA	.54			.05	.06	.03								.02	T	.06	.06			T									.24		.02	
RUGBY	.74		.06		.06	.02							.01	.06	.28	.10	.02												.13			
RYDER	.83		.09									T		T	.54	T													.20			
SAN HAVEN	.54				*	.14								.04	.07	.04	.03												.20		.02	
SCRANTON	.43		.08			.03					.03			.08																.21		
SELFRIDGE 11 W	.80	.04		.04		.36					.02			.34																		
SENTINEL BUTTE 20 S	.60					.13								.40															.07			
SHARON	.75			.02	T	.10									.30	.33																
SHERWOOD 3 N	.62			.03	.11	.04								.05	.14	.04							T						.18		.03	
SHIELDS	.66			.16	.19	.03						.08	.03	.14	.03																	
STANLEY	.70					.06	T					T		.03	.35	T													.24	T	.02	
STEELE	.48	T	T	.06	.10	.05				T	T		.02	.20	.05	T													T			
SYKESTON	1.31				.10	.02								.10	.86	.15													.08			
TAGUS	1.02					.07					T	T		.06	.45	.04							T						.40		T	
TIOGA 1 E	.61	T	.03			.02						.01		.05	T	.33													.17			
TOLLEY 4 NE	.30				.05						T			T	.15														.10			
TOWNER	.65														.32	.15	.08												.10			
TROTTERS 6 SE	.36		.02			T								.14															.18	.02		
TURTLE LAKE	.95		.54			.03						T		.10	.28	T																
TUTTLE	.46	.05	.04											.07	.28														.02			
UNDERWOOD	.35	.01	T	.01		.02								.07	.01	.07													.11		.05	
UPHAM 3 N	.68			.04	.03	T								.05	.29	.12	.06	T											.09		T	
VALLEY CITY	.75	.05			.02	.15								.01	.52																	
VELVA	.77		.09								T			.02	.41	.04													.21			
VERONA	.44	.01			.16	.13							.01	.13																		
WAHPETON STATE SCHOOL	.73				.04	.08								.10	.08	.38	.02						.03									
WALHALLA	.21	.05	.04											.12															T			
WARWICK	.37				.02									T	.35																	
WASHBURN	.65		.02			T								.41	.17	T													.05			
WATAUGA S DAK 8 N	.45				.30	.05								.10																	T	
WATFORD CITY	.54					.14									.08														.32			
WATFORD CITY 14 S	.55					.14								.02	.05							T							.28	.06		
WESTHOPE	.49			.08	T										.14	.12													.12		.03	
WILDROSE	.41		T											.09	.12														.20			
WILLISTON WB CITY R//	.58	T	.03	T	.02	.02				T			.01	.01	.06	T						T							.43	T	T	
WILLISTON EXP FARM	.50					.04				.02				.02	.09														.32	.01		
WILLOW CITY	.46										T			.02	.15	.12	.05												.12		T	
WILTON	.40		.03			.03		.03					.01	.10	.16														.04			
WISHEK	.57			T	.30	.12									.15																	
WOODWORTH 5 E	.50			T	T	.05								T		.45																
ZAHL	.66			.06	T	T						.05	.01	.04	.10	T													.40	T		

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	79	69	55	45	58	67	73	76	82	73	86	80	65	64	79	66	73	75	69	68	67	66	75	85	79	88	77	60	59	80		71.3
	MIN	43	48	40	34	34	37	44	40	51	51	53	55	48	39	44	48	38	50	44	43	40	44	41		44	52	58	38	29	43		43.9
AMENIA	MAX	72	74	64	58	61	62	65	66	84	76	84	81	74	49	62	65	66	72	62	66	70	69	69	78	78	86	92	83	57	72		70.6
	MIN	47	47	50	39	42	44	39	33	47	51	44	49	46	28	36	48	41	42	36	38	45	47	42	37	44	42	47	43	27	32		41.8
AMIDON	MAX	74	81	58	53	44	56	66	74	76	85	85	85	80	57	75	80	68	75	77	80	73	66	68	74	81	80	91	72	54	66		71.8
	MIN	41	48	35	29	36	33	40	39	41	47	56	54	47	36	45	43	39	47	48	40	36	34	35	36	43	55	58	36	29	43		41.6
ARVILLA STATE PARK	MAX	74	67	58	55	56	57	60	63	82	74	82	81	66	49	56	65	68	67	58	67	67	70	68	78	76	87	87	64	63	71		67.9
	MIN	46	53	43	33	33	32	39	24	39	49	39	44	45	20	35	41	35	41	33	34	39	46	42	26	35	33	43	39	32	37		37.7
ASHLEY	MAX	74	72	60	48	58	65	73	66	81	78	92	75	65	53			76	68	75	63	65	67	66	70	84	76	85	93	52			70.4
	MIN	39	47	48	33	40	30	40	40	51	48	55	50	47	35			32	38	37	44	44	42	35	40	45	44	42	44	25	30		40.9
BEACH	MAX	66	80	57	52	47	58	68	74	65	84	80	82	83	56	74	79	64	76	77	80	73	65	65	72	81	80	90	68	45	63		70.1
	MIN	41	47	36	28	36	32	39	45	41	46	51	52	49	39	43	51	33	45	41	46	45	36	30	41	41	42	52	35	35	41		41.3
BELCOURT INDIAN RES	MAX	71	71	67	57	52	57	59	60	75	72	77	79	72	44	53	60	65	62	61	65	64	62	66	75	72	85	82	60	54	66		65.5
	MIN	37	47	37	34	28	28	38	32	41	45	42	40	38	18	33	38	32	37	32	35	38	51	37	30	39	44	38	31	26	36		36.1
BELFIELD	MAX	79	67	52	53	55	66	74	66	81	77	82	81	75	72	78	64	74	76	74	72	69	64	73	80	81	91	70	57	62	74		71.3
	MIN	37	46	36	29	39	32	39	39	42	44	52	52	43	37	42	50	32	43	42	42	40	37	32	35	39	49	49	35	32	39		40.2
BEULAH	MAX	62	81	58	56	53	56	67	73	69	82	75	82	81	58	54	79	65	74	77	71	71	69	65	75	83	81	91	72	45	61		69.5
	MIN	37	38	38	37	37	26	29	36	42	43	45	48	49	38	43	44	32	34	39	41	42	39	31	31	31	37	44	40	28	30		37.6
BISBEE	MAX	72	66	55	51	52	57	60	61	75	62	77	77	60	46	56	58	65	59	61	65	67	61	66	74	72	86	74	58	56	70		64.0
	MIN	45	49	39	36	36	29	41	31	41	49	48	51	40	27	37	34	32	43	39	39	41	41	36	33	42	40	46	34	29	35		38.8
BISMARCK WB AP	MAX	80	61	59	49	59	67	74	66	82	68	87	78	60	57	77	66	72	75	67	70	67	67	72	85	77	88	85	50	57	78		70.0
	MIN	40	48	43	38	37	32	38	39	49	48	50	50	46	39	37	41	38	40	39	45	45	43	37	35	45	44	46	30	25	42		41.0
BOTTINEAU	MAX	66	74	69	52	54	54	58	62	66	75	64	80	80	49	46	55	62	66	65	68	68	67	63	68	77	73	86	71	45	55		64.6
	MIN	40	48	39	38	36	28	34	37	44	47	48	46	44	27	33	37	29	38	37	42	43	35	32	42	46	49	48	37	24	28		38.5
BOWBELLS	MAX	72	71	64	55	54	63	62	62	81	75	79	80	56	48	71	61	70	71	68	68	67	62	71	80	77	90	80	59	65			68.3
	MIN	38	42	35	35	27	23	32	32	39	42	40	47	38	30	35	34	27	39	37	39	38	38	27	37	29	49	42	24	44			35.8
BOWMAN COURT HOUSE	MAX	79	79	52	50	56	65	74	72	84	85	86	81	79	74	80	74	74	77	82	74	70	64	74	81	80	89	85	66	62	78		74.2
	MIN	38	48	38	29	36	29	38	39	42	47	50	55	45	36	43	50	33	43	43	40	36	34	30	38	45	45	48	37	31	37		40.1
BUTTE	MAX	61	77	62	56	53	55	62	64	66	78	62	79	77	52	46	69	61	69	68	68	67	64	65	69	81	73	87	72	46	57		65.5
	MIN	43	48	40	41	41	31	37	36	46	45	49	54	51	32	39	45	36	46	43	46	40	44	42	42	42	48		36	31	41		41.9
CARRINGTON	MAX	59	73	59	56	51	55	60	67	63	79	66	83	78	55	41	62	61	67	67	63	64	66	65	67	75	75	85	87	48	56		65.1
	MIN	41	45	41	41	35	31	33	34	36	46	48	48	52	27	30	37	35	36	38	40	41	41	38	34	37	40	42	44	28	30		38.3
CARSON NO 2	MAX	63	80	62	55	44	56	67	74	69	82	73	86	79	62	68	80	65	74	78	70	70	69	71	75	85	79	91	80	45	60		70.4
	MIN	40	53	40	32	37	35	41	39	47	49	52	54	50	36	42	49	36	45	43	45	42	40	34	43	44	48		41	27	41		42.2
CAVALIER	MAX	72	67	62	55	55	57	59	62	76	70	76	78	73	49	54	63	68	65	61	64	67	67	67	72	71	83	82	61	59	69		66.1
	MIN	48	52	44	38	38	34	39	32	40	48	46	50	44	28	37	45	40	47	37	35	41	46	46	30	43	37	51	36	32	37		40.7
CENTER	MAX	78	68	59	50	55	66	73	65	78	70	82	78	65	53	78	68	71	73	68	68	65		70	82	78	87	72	59	58	77		69.4
	MIN	36	50	39	34	34	26	36	38	46	48	47	45	45	34	39	43	33	37	35	55	40	39	35	30	40	41	42	34	20	36		38.6
COOPERSTOWN	MAX		72	58	56	56	60	62	63	83	77	83	80	72	48	60	62	65	67	61	65	66	63	66	70	70	84	92	85	55	70		68.0
	MIN		44	44	38	42	34	31	33	36	39	46	49	46	26	35	45	38	42	41	41	41	42	40	42	42	47	48	41	25	37		39.8
CROSBY	MAX	80	69	49	54	55	67	66	68	85	74	80	79	73	48	73	63	72	74	70	73	65	64	70	78	76	89	73	54	61	66		68.9
	MIN	39	44	36	29	30	30	33	36	43	43	41	47	39	34	41	43	32	41	35	45	43	39	32	40	31	43	45	34	31	44		38.1
DEVILS LAKE WB CITY	MAX	72	60	55	51	52	57	60	63	79	64	80	72	57	46	58	58	65	62	61	65	67	63	65	76	73	87	84	49	56	70		64.2
	MIN	44	50	43	39	37	32	38	33	47	50	48	53	31	27	36	44	37	45	41	40	41	44	40	40	43	45	48	35	31	39		40.7
DICKINSON CAA AP	MAX	80	67	53	45	55	66	74	68	85	74	85	82	57	71	80	65	74	78	74	71	70	65	75	82	79	90	71	50	64	77		70.9
	MIN	41	42	37	31	35	35	41	40	47	50	54	55	39	39	45	41	40	47	46	45	40	39	33	44	45	51	48	34	33	42		42.0
DICKINSON EXP STATION	MAX	64	81	61	52	48	60	68	74	71	83	70	82	83	57	71	78	65	74	76	73	72	70	70	76	82	79	92	71	46	64		70.4
	MIN	37	50	37	30	39	29	40	40	45	46	51	53	49	38	44	51	34	44	44	43	40	39	30	36	39	48	53	38	33	38		41.3
DRAKE	MAX	68	75	63	54	53	56	61	63	64	65	63	79	77	54	43	65	63	68	67	65	66	64	65	69	81	73	86	71		58		65.5
	MIN	42	48	41	43	43	31	36	36	38	36	49	55	52	32	34	41	34	39	41	43	43	42	38	38	40	45	48		30	36		40.5
DUNN CENTER 2 SW	MAX	62	79	58	51	51	54	67	72	66	79	69	78	78	54	67	76	62	74	75	71	72	67	62	72	77	78	91	67	44	62		67.8
	MIN	40	47	38	33	37	29	39	40	44	49	49	53	51	38	44	48	35	44	42	45	41	42	32	38	42	46	50	40	32	40		41.6
ECKMAN 2 SE	MAX	63	77	69	55	56	51	62	64	62	79	62	83	82	49	46	65	63	67	68	67	68	65	64	70	79	72	88	69	48	58		65.7
	MIN	40	40	41	43	40	27	29	32	33	44	48	48	48	31	33	40	32	33	40	41	38	39	34	34	35	35	43	44	26	28		37.3
EDGELEY EXP FARM	MAX	66	76	75	63	49	59	66	73	67	82	72	87	82	65	48	75	67	70	76	64	67	67	70	72	86	78	88	94	53	55		70.4
	MIN	44	51	49	36	42	31	35	34	45	50	49	53	55	30	37	42	36	39	40	40	44	44	40	35	47	42	45	45	27	30		41.2
EDMORE 1 W	MAX	70	64	55	50	51	55	58	58	70	65	75	73	65	42	55	60	65	58	58	67	65	63	65	70	70	82	80	52	56	68		62.8
	MIN	38	42	40	35	32	28	38	28	40	45	40	45	35	19	31	38	28	39	35	35	38	38	35	32	37	40	45	30	22	34		35.4
ELLENDALE	MAX	77	79	65	59	58	67	76	70	81	77	88	80	74	57	73	70	70	79	66	69	73	70	72	87	80	89	93	78	55	75		73.6
	MIN	44	49	51	38	43	33	39	40	52	51	52	52	56	35	36	36	38	41	41	41	46	47	40	37	51	43	46	44	31	32		42.8
ENDERLIN	MAX	60	73	75	63	54	60	64	69	65	82	70	85	80	64	48	65	66	67	73	60	66	67	70	70	80	78	80	92	54	56		68.5
	MIN	45	48	50	38	39	32	32	36	39	50	48	49	54	27	35	42	39	41	40	38	40	47	42	35	38	39	39	45	28	30		40.2
FAIRFIELD	MAX	80	73	51	49	55	61	75	80	79	72	79	78	70	70	78	63	73	75	71	70	66	63	70	80	79	89	73	55	60	72		70.3
	MIN	43	42	36	32	38	36	38	41	42	51	49	58	46	37	50	46		46				33	31	42	43	44	49	30	28	35		41.0
FARGO WB AP	MAX	70	75	62	57	59	61	64	71	83	66	81	77	61	50	60	65	65	74	60	66	66	68	69	78	79	84	92	61	56	69		68.3
	MIN	48	53	48	41	38	32	43	37	51	48	49	55	38	27	42	44	39	43	36	38	48	48	43	42	49	48	60	36	30	37		43.0
FESSENDEN	MAX	76	75	58	54	60	64	68	70	80	70	84	78	72	48	55	65	69	70	68	66	66	68	70	82	75	88	85	65	58	72		69.3
	MIN	40	45	42	41	40	30	35	35	47	48		50	46	28	38	45	33	42	40	41	43	42	41	45	41	45	42	38	25	46		40.5
FORMAN	MAX	67		67	53	57	66	77	69	82	72	86	84	74	54	70	68	68	78	65	68	70	69	72	85	81	88	95	83	55			72.3
	MIN	48		53	35	42	29	34	39	51	52	50	54	53	30	40	50	34	42	40	40	46	48	48	39	45	43	50	46	28			43.2
FORT YATES	MAX	80		59	50	59	69	77	69	86	79	87	84	70	62	83	78	74	77	73	68				83	87	92						74.8
	MIN		40	46	32	41	33	39	39	52	42	56	51	50	36	41	50	32	39	40	36	40		34		41	41	45					41.5
FOXHOLM 7 N	MAX	80	76	67	57	57	65	66	68	79	76	81	82	78	50	71	66	71	70	70	71	69	67	71	80	78	90	88	60	58	65		70.9
	MIN	42	50	41	41	38	25	41	33	41	47	45	48	40	31	38	47	32	41	37	41	39	45		32	41	48	56	35	30	41		40.2
FULLERTON	MAX	77	78	65	53	59	68	60	69	85	76	88	81	67	58	73	68	72	77	65	68	70	71	75	88	87	90	93	78	58	75		73.1
	MIN	41	41	49	36	43	30	36	40	50	49	51	53	56	32	36	48	35	42	42	40	45	46	38	36	46	39	46	45	28	31		41.7
GACKLE	MAX	74	69	60	51	52	61	62	72	81	76	83	76	68	58	74	66	68	72	63	64	64	62	72	83	73	86	93	70	56	74		69.4
	MIN	40	54	45	43	39	32	39	41	49	49	51	49	43	33	38	44	36	46	46	41	46	41	40	38	41	46	48	38	27	40		42.1

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	85	78	55	54	50	57	65	68	68	81	65	80	80	54	48	74	64	70	73	67	69	67	65	70	81	75	87	70	45	57		67.4
	MIN	54	47	39	39	40	28	35	38	42	45	48	55	51	35	40	47	33	36	47	44	40	40	47	37	41	42	50	39	31	32		41.4
GRAFTON	MAX	69	70	69	54	53	56	57	60	75	73	74	73	71	48	54	63	65	65	58	62	66	67	66	72	71	83	83	65	59	69		65.7
	MIN	46	49	42	36	38	31	40	29	42	47	43	46	44	25	36	43	39	44	37	35	39	43	43	30	42	37	48	37	30	26		38.9
GRAND FORKS CAA AP	MAX	71	68	58	57	55	57	58	63	83	67	80	82	57	49	54	64	66	65	57	67	67	69	67	76	74	85	88	54	59	68		66.2
	MIN	47	52	46	37	37	31	40	30	48	49	46	50	32	25	37	43	37	40	36	38	43	45	39	35	41	41	51	32	27	36		39.7
GRAND FORKS UNIVERSITY	MAX	70	69	58	55	57	58	57	62	82	73	79	80	65	47	54	63	65	66	58	65	67	70	67	79	73	84	86	66	60	68		66.8
	MIN	46	51	45	38	41	32	42	31	48	50	43	49	43	25	36	43	37	41	36	39	42	46	42	36	41	40	50	39	27	35		40.5
GRAND RAPIDS 1 N	MAX	77	76	62	56	59	65	74	77	83	73	83	81	68	54	74	68	70	75	64	70	68	70	74	87	80	91	95	82	57	75		72.9
	MIN	40	47	49	33	42	28	32	35		48	47	49	53	30	38	48	32	36	38	39	46		40	35	38	37	39	41	24	34		39.2
GRANVILLE	MAX	77	70	59	55		61	59	68	78	68	81	77	68	47	65	63	73	69	69	70	62	64	70	82	75	90	74	56	58	74		68.3
	MIN	41	50	40	40	40		42	34	48	48	50	57	45	30	39	40	33	42	40	43	42	44	37	37	40	46	53	35	30	44		41.7
GRENORA	MAX	76	74	67	59	58	68	69		86	80	81	79	54	62	74	78	75	79	78	76	72	66	72	73	78	84	79	58	63	69		72.0
	MIN		52		28	27	31	36		47	46	42	52	41	33	41	32	32	39		48	45	42	34	43	33	45	48	33	37	38		39.4
HANKINSON R R STATION	MAX	61	70	78	63	53	57	63	70	70	80	68	81	84	65	50	66	66	65	75	58	63	65	68	69	78	80	83	92	51	50		68.1
	MIN	46	50	51	39	45	34	36	38	40	50	50	50	55	32	35	45	40	40	37	32	44	41	43	35	36	45	45	48	30	32		41.5
HANNAH	MAX	68	66	59	50	52	54	58	60	76		76		63	60	65	74	65	64	57	59	65	63	64	72	69	85	74	69	60	71		64.9
	MIN	42	49	38	34	34	29	40	28	39		42	35		26	27	29	32	42	37	35	40	41	38	39	38	42	38	33	31	37		36.3
HANSBORO	MAX	72			53	53	56	60	61	77	58	78	80	55	45	60	62	68	58	62	65	66	63	66	74	71	87	70	54	57	68		64.3
	MIN			38	35	34	31		30	37	44	43	43	32	22	35	44	36	45	38	35	39	39	39	32	41	41	50	32	31	34		37.0
HETTINGER	MAX	80	71	55	43	52	65	72	60	84	83	84	78	67	73	80	63	72	73	78	68	69	63	72		83	87	84	60	62	78		71.0
	MIN	38	46	37	30	37	31	37	37	44	46	51	56	47	38	43	40	33	43	45	42	38	37	32		46	50	51	33	32	39		40.7
HILLSBORO	MAX	72	71	73	63	59	60	62	63	83	72	81	79	74	49	56	65	66	69	61	65	68	68	67	76	75	84	91	85	58	69		69.5
	MIN	48	49	50	40	44	33	43	32	55	54	45	51	48	29	34	42	39	43	37	38	48	46	44	35	43	42	47	43	27	35		42.1
JAMESTOWN CAA AP	MAX	74	69	58	52	59	63	67	64	80	67	83	74	61	44	67	65	68	71	63	67	67	67	68	82	77	89	97	52	56	76		68.2
	MIN	44	51	45	43	37	32	36	33	50	49	48	50	43	31	39	43	37	39	40	42	46	46	41	34	44	39	44	32	26	36		40.7
JAMESTOWN STATE HOSP	MAX	75	70	60	56	56	62	67	67	82	74	85	74	69	53	68	63	67	69	63	64	65	70	70	82	76	87	96	73	56	75		69.8
	MIN	43	53	47	42	39	31	37	36	52	50	50	51	48	32	38	47	36	38	40	41	47	44	42	33	45	38	42	42	26	36		41.5
KENMARE	MAX	61	80	68	51	55	53	65	66	67	80	59	80	80	47	47	70	61	70	70	70	68	67	62	70	78	75	88	75	47	58		66.3
	MIN	42	46	40	40	33	28	33	33	36	44	45	47	45	34	40	45	33	35	42	43	42	42	35	35	35	35	53	37	31	35		38.8
KENSAL WILDLIFE REFUGE	MAX	72	68	62	55	62	66	71	67	80	69	85	83	75	60	63	67	70	70	67	67	69	71	72	80	78	87	93	89	55	72		71.5
	MIN	43	52	44	41	35	31	38	36	45	47	49	46	40	29	39	37	34	39	39	39	45	44	40	31	41	39	42	41	22	36		39.5
LANGDON EXP FARM	MAX	69	66	58	52	50	55	57	59	77	74	78	76	67	47	53	63	64	60	58	62	63	63	66	70	70	83	80	58	56	65		64.0
	MIN	41	48	38	35	34	27	40	30	41	47	43	45	40	20	35	40	31	40	35	35	37	42	40	36	38	42	51	32	28	37		37.6
LARIMORE	MAX	70	67	58	55	57	58	59	62	82	76	82	80	68	47	56	65	61	67	58	65	68	68	67	75	74	85	87	68	60	72		67.2
	MIN	46	41	46	45	37	35	40	30	47	40	44	50	34	25	35	47	42	47	36	37	38	37	44	34	38	40	48	41	35	37		39.9
LEEDS	MAX	73	72	58	51	53	59	62	62	77	70	78	75	70	46	60	62	65	62	64	65	67	63	66	78	74	86	80		63	72		66.7
	MIN	41	49	40	36	38	29	42	32	46	48	47	47	44	26	36	43	33	40	38	40	42	41	36	34	40	43	55	36	24	41		39.6
LINTON	MAX	77	65	65	47	60	69	75	69	83	78	86	79	62	60	78	69	72	79	69	70	69	70	72	86	80	90	95	66	57	78		72.5
	MIN	37	51	47	34	42	29	36	45	55	46	55	51	52	36	36	49	31	39	39	45	50	38	28	31	39	50	42	35	25	38		41.0
LISBON	MAX	73	76	68	60	60	64	69	67	81	77	85	84	79	58	67	65	67	73	68	65	65	69	71	81	79	84	92	88	55	73		72.1
	MIN	45	46	50	36	43	31	34	37	50	51	50	50	57	27	39	48	37	38	39	35	47	46	39	30	40	36	41	47	26	31		40.9
LOSTWOOD 12 N	MAX							66		77							68	69	70	71	69			69	78	74	88	87	59	58	62		
	MIN																39	27	40	34	40			28	36	34	45	46	30	24	39		
MADDOCK AGR SCHOOL	MAX	73	71	60	52	56	60	61	63	78	71	79	77	71	48	59	61	65	65	63	64	65	64	67	75	73	86	81	66	56	72		66.7
	MIN	43	50	42	40	38	30	43	33	46	49	48	50	46	26	37	45	35	41	40	42	42	42	37	39	42	42	46	38	27	40		40.6
MANDAN EXP STATION	MAX	62	78	57	56	49	57	67	72	66	81	67	85	77	58	57	78	63	72	74	66	69	66	66	71	83	76	88	81	45	59		68.2
	MIN	41	55	42	38	39	31	36	38	44	49	49	49	53	39	36	48	38	40	39	45	44	42	38	35	48	46	45	41	24	39		41.7
MANDAN FT LINCOLN PARK	MAX	82	78	56	52	60	68	75	73	82	79	81	80	76	58	80	72	71	76	72	71	67	66	73	86	78	89	82	62	58	79		72.7
	MIN	38	49	39	35	36	29	36	37	47	46	48	46	47	36	43	47	36	37	36	37	40	38	36	33	41	42	42	37	22	37		39.1
MARMARTH	MAX	80	71	56		65	66	75	66	85	85	86	83	74		80	73	77	80		76	80	80	65	75	80	81	91	73	66	80		75.9
	MIN	41	55	39	32	39	39	35	43	44	45	48	55	52	30		58	32	40		48	40	40	40	29	34	36	45	47	40	30		41.3
MAX	MAX	62	78	62	53	54	55	64	64	65	78	61	79	78	54	45	69	60	70	69	67	67	65	62	70	80	75	86	68	45	57		65.4
	MIN	38	47	38	40	40	31	36	39	43	47	47	50	51	35	38	45	34	38	38	41	41	39	34	39	44	46	51	38	29	34		40.4
MAYVILLE	MAX	70	71	61	57	58	59	61	71	82	77	82	78	70	48	57	65	65	70	64	68	67	68	69	76	76	85	90	81	58	70		69.1
	MIN	48	49	46	41	46	31	41	36	48	52	46	51	48	26	34	45	38	38	36	43	49	46	43	37	46	40	51	41	30	45		42.4
MC CLUSKY	MAX	77	65	55	51	56	65	68	66	79	75	81	76	70	45	72	65	70	70	67	68	66	65	70	81	75	89	80	60	58	74		68.6
	MIN	35	47	37	41	35	30	37	39	49	46	50	52	44	32	38	44	35	42	40	42	40	39	36	35	43	46	49	37	27	39		40.2
MC HENRY 5 N	MAX	72	63	56	53	55	58	61	62	80	66	83	80	63	45	60	61	64	65	61	65	65	66	65	74	73	85	88	60	55	70		65.8
	MIN	41	51	42	38	36	28	40	31	43	47	44	50	43	23	34	44	35	41	37	42	42	42	35	38	39	43	45	38	27	37		39.2
MC LEOD 3 E	MAX	73	75	63	59	59	64	67	65	82	70	85	83	75	65	66	68	66	75	60	65	64	68	70	80	78	84	91	85	57	73		71.2
	MIN	45	52	50	39	44	31	39	37	50	49	42	51	52	38	38	48	39	43	37	48	48	46	47	39	42	44	51	44		33		43.7
MC VILLE	MAX	72	68	59	55	55	57	61	61	80	72	82	79	68	43	60	62	65	64	59	65	65	65	65	75	73	84	89	64	56	69		66.4
	MIN	42	40	42	37	34	29	42	29	46	48	46	46	43	23	34	42	34	37	38	37	41	44	40	39	42	45	47	40	25	37		39.0
MEDORA 3 NNE	MAX	84	79	58	50	58	70	77	74	87	82	85	85	78	75	83	75	77	79	77	75	69	70	75	83	82	94	79	64	67	77		75.6
	MIN	34	51	38	25	39	24	30	43	43	38	40	47	47	33	38	53	28	36	36	48	38	33	23	31	34	46	40	37	33	34		37.3
MINOT CAA AP	MAX	79	67	54	56	54	63	65	64	79	59	81	80	57	44	68	61	69	68	68	68	66	64	69	81	73	88	70	49	56	68		66.3
	MIN	42	48	40	41	33	29	38	33	45	45	47	57	40	31	38	44	35	47	40	47	40	44	38	39	42	54	47	33	33	45		41.2
MINOT EXP STATION	MAX	63	78	66	53	55	53	64	65	66	79	61	80	79	49	48	69	62	69	68	67	68	64	64	69	80	74	87	67	45	56		65.6
	MIN	42	48	39	43	40		36	33	43	44	48	54	48	32	34	45	34	45	40	46	39	42	37	39	41	47	57	35	31	38		41.4
MOFFIT 4 SE	MAX	78	64	63		56	65	70	69	81	77	86	77	74	54	75	75	70	70	68	67	66	63	72	83	73	89	90	70	56	75		71.6
	MIN	38	54	45	39	42	30	38	40	52	45	49	47	52	35	34	45	33	32	32	41	44	39	32	33	45	45	42	41	24	40		40.3
MOHALL	MAX	79	74	67	57	53	61	64	65	79	72	80	79	71	46	69	63	69	68	67	68	65	64	68	78	73	90	79	54	58	65		68.2
	MIN	39	48	40	41	35	25	40	33	46	47	46	49	42	31	39	46	30	40	37	43	40	42	36	33	36	43	51	34	30	49		39.7
MOTT	MAX	82	65	56	45	57	67	72	64	83	79	87	80	67	72	79	72	74	77	73	70	70	65	75	85	80	90	75	61	62	81		72.2
	MIN	35	37	37	28	39	31	36	35	42	44	54	47	49	36	42	49	30	40	40	43	38	35	26	31	36	46	48	39	28	40		38.7
MUNICH 4 SW	MAX	69	65	60	49	49	56	57	58	75	58	76	74	65	44	54	62	63	59	58	63	64	61	65	71	82	78	65	50	54	61		62.2
	MIN	34	37	34	29	31	21	35	26	35	43	39	40	35	17	29	36	28	34	31	31	36	35	30	29	39	40	44	26	21	29		32.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	75	67	58	55	57	67	74	67	80	72	86	76	68	50	75	66	72	74	66	66	67	69	77	86	78	89	96	65	56	74		70.9
	MIN	41	52	45	33	41	32	40	40	51	47	52	50	49	35	34	45	37	44	37	37	44	41	39	38	43	45	46	42	25	35		41.3
NEW ENGLAND	MAX	80	63	53	46	56	66	73	63	83	81	82	80	65	73	80	69	73	76	76	71	70	64	74	82	79	90	72	58	64	78		71.3
	MIN	37	52	37	28	39	31	36	39	43	47	54	52	48	37	42	44	32	45	45	42	39	37	28	35	43	45	47	39	30	38		40.4
NEW SALEM 1 S	MAX	79	65	59	47	55	68	83	67	82	69	85	82	68	63	80	65	72	76	67	68	67	66	77	84	77	89	77	54	58	79		70.9
	MIN	41	54	39	37	38	34	40	36	43	47	50	56	43	37	39	41	37	46	38	42	39	40	36		56	46	51	37	28	43		41.9
NEWTOWN	MAX	81	75	60	55	55	67	68	68	83	76	80	83	77	47	74	67	73	76	73	68		63	72	79	76	91	80	61	55	69		70.8
	MIN	38	48	40	34	38	29	35	39	47	47	40	51	46	35	42	47	32	43	42	44		43	32	37	40	47	50	36	31	42		40.5
OAKES	MAX	62	73	78	62	52	57	64	73	69	82	72	85	80	64	50	69	66	68	76	62	67	68	68	71	84	78	89	92	55	53		69.6
	MIN	43	47	50	36	44	31	35	40	45	50	52	52	57	31	37	45	37	40	41	41	45	48	39	39	45	43	48	48	28	33		42.3
PARK RIVER	MAX	72	70	60	56	55	55	60	62	79	70	77	75	73	48	54	64	66	65	58	65	68	68	67	74	74	85	87	75	60	72		67.1
	MIN	48	54	44	38	39	34	42	32	42	50	55	51	45	27	37	46	40	49	38	38	38	48	43	35	43	41	47	38	35	40		41.9
PARSHALL	MAX	79	72	61	57	55	66	67	68	81	72	80	80	76	48	72	65	71	74	69	70	68	64	70	80	77	89	80	58	59	75		70.1
	MIN	39	49	39	37	37	28	35	40	44	44	52	49	46	36	41	45	31	42	41	45	40	39	29	41	36	49	52	35	32	41		40.5
PEMBINA 2 N	MAX	71	71	57	54	55	53	60	62	74	74	68	72	72	61	50	54	65	65	64	64	64	67	65	71	72	83	84	84	61	61		65.9
	MIN	53	40	40	36	39	29	35	29	37	46	42	41	43	24	35	48	34	45	38	33	40	45	41	31	39	36	55	35	24	38		38.4
PETERSBURG	MAX																					65	65	64	73	71	83	92	65	57	69		
	MIN																						44	40	37	44	43	51	38	27	38		
PETTIBONE	MAX	70	66	55	54	56	62	71	62	78	71	84	78	61	54	72	72	69	63	63	65	65	67		73		89	86	65	51	75		67.8
	MIN	39	53	42	42	34	30	36	39	49	47	50	50	47	31	36	34	44	41	41	43	41	34	37	44	41	47	48	38	21	34		40.4
PORTAL	MAX	61	79	68	47	55	53	64	64	67		69	81	78	49	59		64	70	72	69	69	66	68	72	78	75	89	63	49	62		66.4
	MIN	40	43	36	36	29	26	36	36	43	44	45	42	40	33	40	44	33	39	40	42	41	40	31	42	32	49	50	34	29	40		38.5
POWERS LAKE 1 N	MAX		80	46	54	54	66	64	67	84		79	79	60	45	71	63	70		72		68	67	69	79	74	89	80	62	60	62		67.8
	MIN	36	40	38	42	29	25	36	37	43	43	45	46	40	31	38	40	27		39		41	40	25	40	32	49	59	32	31	34		37.8
RAUB 10 SSW	MAX		81	52	57	56		72	67	82	74	80	81	72	53	78			75	73	70	69	66	72	83	78	91	73	58	61	74		71.1
	MIN		41	47	37	38		37	43	48	49	54	55	45	40	45			41	43	44	42	38	29	36	43	54	57	36	30	45		43.0
RICHARDTON ABBEY	MAX	80	75	54	48	55	68	73	67	82	78	83	79	75	68	79	73	73	75	70	69	68	64	74	82	78	90	79	63	60	72		71.8
	MIN	41	48	38	33	38	33	40	39	47	50	52	56	49	39	42	49	38	47	43	44	41	39	34	43	48	49	55	36	31	41		42.8
RIVERDALE	MAX	61	81	58	55	50	55	64	67	65	76	66	78	77	55	49	72	61	70	72	66	68	65	63	68	79	76	87	70	45	57		65.9
	MIN	41	49	43	37	40	29	43	39	44	46	47	52	52	36	40	46	36	43	41	44	39	44	34	36	45	47	48	38	27	33		41.3
ROLLA	MAX	71	66	52	50	50	57	58	61	75	57	77	78	67	45	53	59	65	58	63	65	65	61	65	74	69	85	71	53	54	66		63.0
	MIN	44	50	38	36	35	32	35	31	40	47	44	47	36	23	35	45	37	45	39	36	38	39	40	37	43	45	51	32	32	35		38.9
RUGBY	MAX	75	73	63	53	54	60	63	65	76	72	78	78	74	48	60	61	66	64	65	67	67	64	67	80	75	87	85	64	56	72		67.7
	MIN	40	50	44	47	40	29	45	36	49	50	50	52	46	28	37	44	33	42	41	44	44	44	36	40	42	48	51	36	28	42		41.9
SAN HAVEN	MAX										71	77	78	72	43	54	59	65	58	63	65	64	61	64	74	72	84	78	58	55	64		65.7
	MIN										43	47	51	42	28	35	35	36	42	37	42	43	40	39	45	48	49	50	34	31	39		40.8
SHARON	MAX	70	65	57	54	55	57	63	64	80	72	82	81	70	45	61	63	64	66	60	64	65	66	65	74	75	83	89	77	56	70		67.1
	MIN	43	51	43	39	38	29	40	30	45	49	44	50	45	25	34	44	45	46	37	39	45	45	39	36	45	47	51	40	29	39		41.1
STANLEY	MAX	80	68	51	56	55	66	64	68	82	67	81	81	68	47	72	62	70	73		69	68	63	69	79		89	69	50	58	66		67.5
	MIN	36	44	36	31	32	25	33	34	40	43	46	48	40	32	37	42	29	41	36		37	39	29	34	36		45	30	27	41		36.5
STEELE	MAX	75	73	57	51	58	65	71	68	80	68	85	73	70	49	74	68	69	72	69	66	67	66	69	82	76	87	92	72	57	72		70.0
	MIN	37	52	41	37	36	29	38	35	48	45	46	47	45	31	34	42	34	40	38	36	35	36	33	33	46	44	44	38	21	38		38.6
TIOGA 1 E	MAX	61	79	68	49	56	55	67	67	66	84	64	79	80	48	49	62	72	71	75	70	69	67	70	71	81	77	90	63	41			67.3
	MIN	35	43	40	26	27	25	32	37	47	48	44	45	42	32	39	27	27	37	40	43	40	38	38	45	31	36	47	30	25			36.8
TOWNER	MAX	78	76	67	57	57	61	65	63	75	74	82	77		47	63	64	68	68	67	70	67	70	69	82	75	88	72	59	58	67		68.5
	MIN	34	43	35	43	33	22	39	30	42	43	41	49	41	23	35	37	26	34	36	39	38	32	34	32	35	41	41	32	21	30		35.4
TURTLE LAKE	MAX	69	65	60	52	56	61	69	71	79	74	80	75	73	51	74	69	71	71	66	67	66	68	71	81	77	72	66	56	55	74		68.0
	MIN	50	48			36	29	37	46	38	46	47	53	30	33	38	46	35	43	39	41	39	40	36	35	42	41		36	26	40		39.6
UNDERWOOD	MAX	64	78	56	55	51	55	65	70	70	77	73	79	80	56	47	73	62	70	72	67	68	66	64	70	80	76	87	73	45	57		66.9
	MIN	42	50	40	37	36	28	29	33	38	48	46	52	49	34	39	44	32	43	37	42	40	39	33	38	38	45	50	38	25	32		39.2
UPHAM 3 N	MAX	78	71	58	60	54	62	60	67	76	72	81	79	77	48	61	63	68	66	67	71	68	67	72	81	75	89	84	60	66	64		68.8
	MIN	38	49	39	42	40	26	45	34	47	42	49	48	45	30	39	39	30	37	41	45	42	41	33	37	37	46	47	36	20	26		39.0
VALLEY CITY	MAX	72	72	73	61	58	62	67	65	81	77	85	82	72	52	62	66	66	69	61	65	66	67	68	77	73	85	94	85	55	73		70.4
	MIN	45	47	45	45	41	34	36	38	50	51	49	49		29	36	46	38	42	40	40	43	46	41	41	42	42	46	44	26			41.9
VELVA	MAX	76	76	60	54	54	61	63	64	77	76	78	78	74	47	65	64	68	67	65	67	64	64	69	80	74	88	81	61	57	71		68.1
	MIN	43	49	41	43	42	29	39	35	43	44	50	50	47	31	39	48	34	44	39	47	41	45	39	35	42	48	57	36	30	45		41.8
WAHPETON STATE SCHOOL	MAX	77	83	74	62	60	67	72	68	82	77	83	83	81	53	64	70	68	79	65	65	64	73	72	82	85	85	93	88	54	69		73.3
	MIN	43	49	48	34	41	28	36	36	47	42	45	51	50	32	39	43	35	42	33	35	45	43	35	38	42	45	53	46	27	33		40.5
WASHBURN	MAX	79	68	55	56	58	67	72	65	75	78	81	80	74	50	75	71	76	74	67	68	67	65	72	82	78	87	78	62	58	76		70.5
	MIN	40	48	39		34	26	38	37	43	41	47	49	48	36	40	47	37	44				42				46	54					
WATFORD CITY	MAX	82	76	52	59	56	69	75	67	84	75	81	83	72	67	79	69	77	79	79	73	67	65	73	82	80	92	74	56	64	68		72.5
	MIN	40	46	39	32	38	28	38	42	48	50	47	53	46	35	43	44	31	42	43	45	43	40	32	40	39	47	51	34	34	42		41.1
WATFORD CITY 14 S	MAX	81	80	66	55	58	70	75	72	84	84	82	83	82	69	80	76	77	79	78	74	72	68	74	81	81	93	91	61	64	81		75.7
	MIN	38	49	39	30	37	27	37	41	46	44	49	49	46	32	42	45	30	40	43	46	42	42	27	35	35	50	51	35	36	39		40.1
WESTHOPE	MAX	76	68	56	56	54	60	63	65	76	61	80	80	54	46	61	63	67	65	66	68	66	63	69	75	71	88	65	50	62	63		65.2
	MIN	37	46	38	40	36	25	41	35	43	45	46	46	38	31	36	40	30	37	40	43	41	40	33	40	36	46	45	31	27	39		38.4
WILLISTON WB CITY	MAX	82	68	49	56	57	69	70	68	86	72	81	81	58	61	76	64	75	78	73	73	66	63	71	79	79	89	68	52	62	67		69.8
	MIN	43	47	41	33	36	33	37	45	48	47	48	53	41	40	46	44	35	44	43	50	45	44	35	44	37	53	52	34	41	45		42.8
WILLISTON EXP FARM	MAX	80	74	61	56	55	67	70	68	85	82	80	80	76	59	76	65	74	77	73	74	66	64	70	79	78	88	65		60	65		71.3
	MIN	39	42	43	30	31	32	36	41	44	46	45	51	41	35	40	44	33	42	40	45	43	38	30	41	36	49	48	30	34	42		39.7
WILLOW CITY	MAX	75	70	59	51	54	61	63	64	76	70	81	78	70	46	60	68	67	67	68	66	66	68	69	79	73	87	77	61	57	69		67.3
	MIN	40	50	40	41	34	29	41	28	42	46	43	43	28	38	28	41	35	37	34	40	39	41	34	31	37	38	40	36	20	40		37.1
WILTON	MAX	78	67	54	50	56	65	71		76		81	80			74	71	70	71	66	63	65	63	69	80	76	81	78	61	56	72		69.0
	MIN		50	40										47	35	47	43	36	43	38	40	40	40	38	38	43	43	46	36	30	37		
WISHEK	MAX	75	75	60	56	56	64	73	69	81	79	84	82	72	52	75	72	69	74	71	65	67	66	70	82	80		94		66			71.4
	MIN	40	45	46	32	40	32	37	40	49	46	54	49	50	33	31	45	38	40	35	40	42	40	36	37	47		39		24			40.3

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.09	.08	.13	.04	.05	.11	.11	.14	.10	.06	.07	.05	.08	.01	*	*	.12	.12	.07	.11	.14	.14	.16	.09	.09	.15	.15	.09	.06	.09		2.70
	WIND	49	41	83	32	44	41	40	40	47	25	31	20	41	27	38	49	39	42	19	44	69	61	57	27	24	38	33	83	43	55		1282
DICKINSON EXP STATION (A)	EVAP	.16	.10	.11	.17	.09	.09	.10	.16	.12	.11	.10	.20	.13	.08	.08	.13	.17	.09	.15	.17	.23	.17	.14	.11	.10	.19	.19	.15	.10	.04		3.93
	WIND	120	90	85	115	70	75	45	100	150	45	100	100	85	80	80	120	90	50	50	120	190	175	100	65	80	110	70	130	50	110		2850
EDGELEY EXP FARM	EVAP	.13	.20	.19	.09	.14	.10	.14	.18	.27	.17	.16	.22	.09	.16	.09	.07	.19	.17	.26	.14	.26	.14	.26	.16	.22	.26	.21	.34	.14	.10		5.25
	WIND	65	46	123	51	5	55	44	51	85	52	50	58	55	110	62	37	67	29	92	38	110	60	106	34	40	66	50	129	95	60		1925
MANDAN EXP STATION (A)	EVAP	.11	.13	.09	.16	.05	.11	.10	.15	.11	.08	.08	.13	.05	.09	.06	.08	.13	.10	.13	.14	.22	.13	.21	.10	.14	.10	.14	.20	.09	.07		3.48
	WIND	145	90	82	122	38	83	40	111	142	51	103	60	50	97	81	84	116	107	35	103	189	112	133	41	64	40	62	179	97	108		2765
RIVERDALE	EVAP	.23	.22	.07	.14	.07	.16	.19	.16	.20	.24	.14	.19	.18	*	*	.11	.22	.23	.14	.26	.29	.18	.19	.20	.21	.19	.34	.23	*	.12		5.10
	WIND	139	99	98	139	79	81	54	120	148	57	111	66	56	98	109	86	98	60	112	128	199	95	147	50	47	106	112	157	86	141		3078
WILLISTON EXP FARM	EVAP	.26	.13	.33	.14	.15	.19	.24	.26	.23	.24	.23	.16	.30	.01	.24	.28	.19	.25	.21	.40	.25	.44	.20	.27	.26	.18	.24	.41	.12	.13		6.94
	WIND	49	89	239	48	99	49	66	161	79	114	92	55	123	68	126	157	59	78	68	151	165	303	105	103	118	217	52	75	87	108		3303

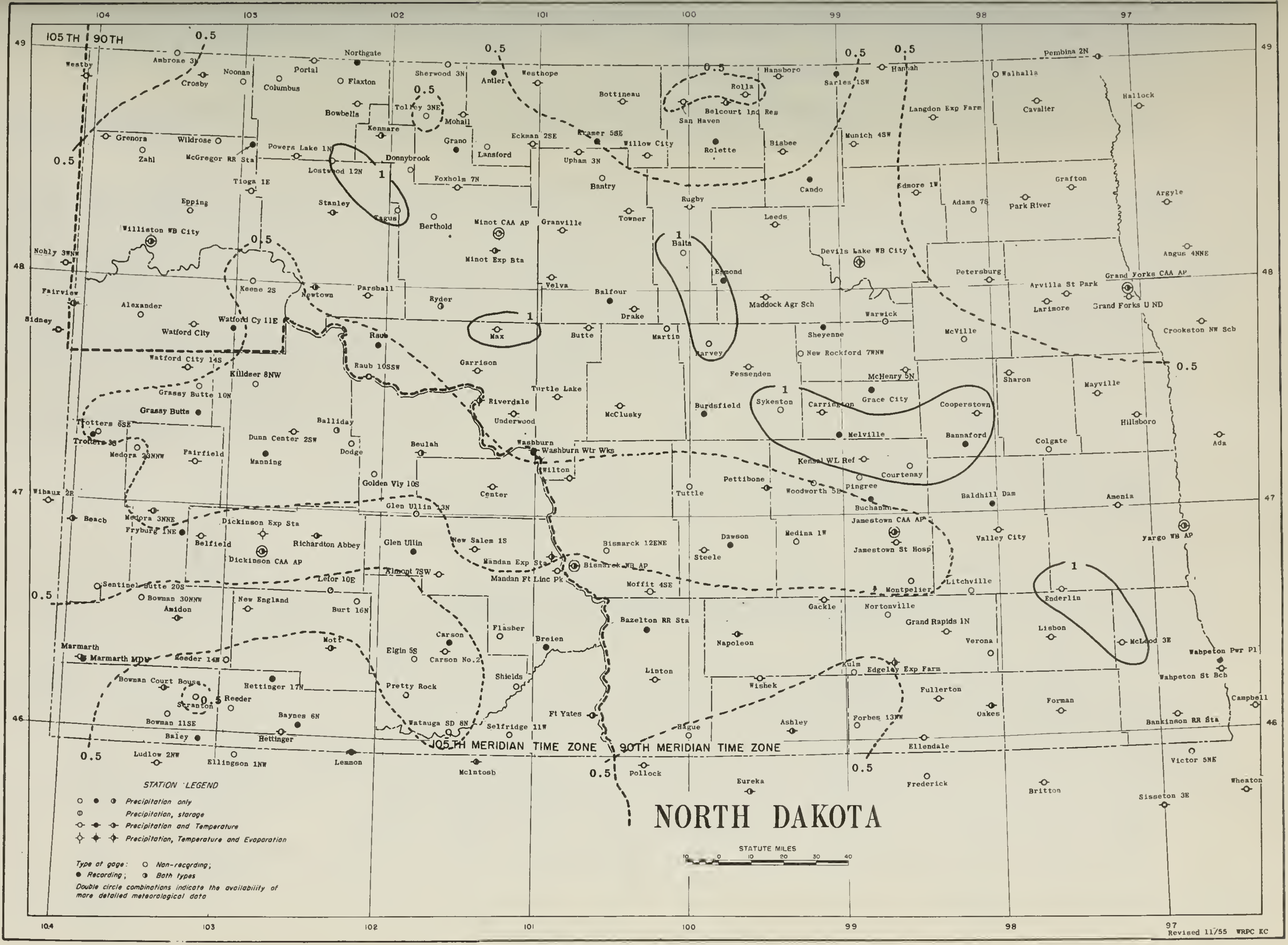
(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

Table 7

SNOWFALL AND SNOW ON GROUND

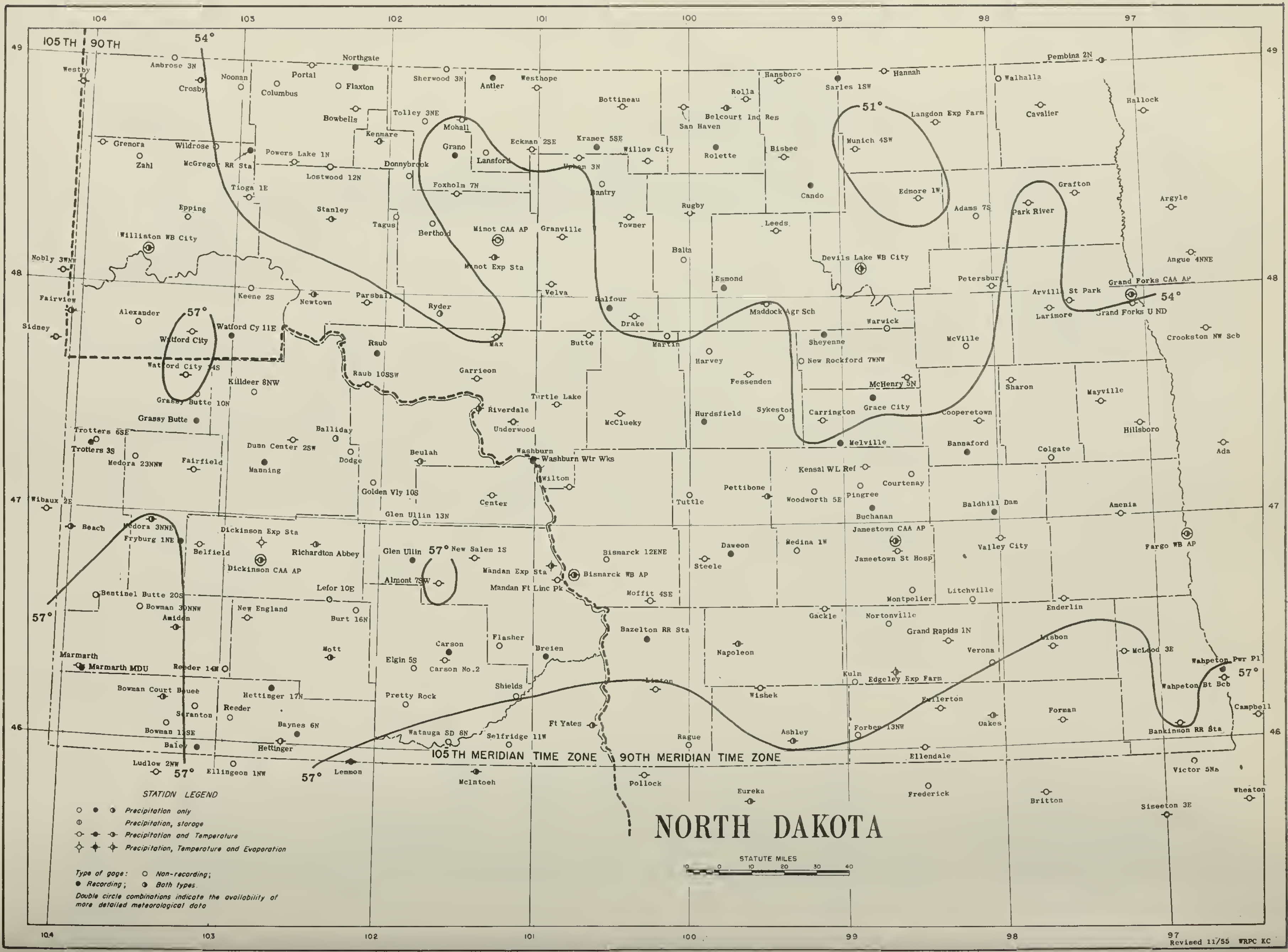
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BELCOURT INDIAN RES	SNOWFALL																												T			
	SN ON GND																															
BOTTINEAU	SNOWFALL																												T			
	SN ON GND																															
DEVILS LAKE WB CITY	SNOWFALL														T														T			
	SN ON GND																															
FARGO WB AP	SNOWFALL														T																	
	SN ON GND																															
FOXHOLM 7 N	SNOWFALL																												T			
	SN ON GND																															
GRAFTON	SNOWFALL																												T			
	SN ON GND																															
HANSBORO	SNOWFALL																												T			
	SN ON GND																															
HETTINGER	SNOWFALL				T																											
	SN ON GND																															
MAYVILLE	SNOWFALL														0.1																	
	SN ON GND																															
MINOTT CAA AP	SNOWFALL																												T			
	SN ON GND																															
MOHALL	SNOWFALL																												T			
	SN ON GND																															
PARSHALL	SNOWFALL																												T			
	SN ON GND																															
ROLLA	SNOWFALL																												T			
	SN ON GND																															
SAN HAVEN	SNOWFALL																												T			
	SN ON GND																															
SHARON	SNOWFALL														T																	
	SN ON GND																															
WESTHOPE	SNOWFALL																												T			
	SN ON GND																															
WILLISTON WB CITY	SNOWFALL																												T			
	SN ON GND																															

Total Precipitation (Inches), September 1956



Isolines are drawn through points of approximately equal values.

Average Temperature (°F.), September 1956



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Beta	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Weer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 W	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Geheke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberte	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobies	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergeard	2 3 5 7
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Book	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Oomagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Banson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Bendrickson	C
Burt 16 W	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481		MID	Berry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bensen Pico	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Banewalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6 7
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Cheeley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Devis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Ferlng	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Pelmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2742		MID	Elmer Stuhlmiller	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. D. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Belerle	2 3 5 7
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LeVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert R. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Neee	2 3 5
Greno	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		6P	Edeel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5p	5P	L. D. Wielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charlos E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 6 W	4073	Adams	1	46 03	102 29	2677		MID	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2810		MID	O. J. Gorhrecht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2348		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davle	3 7
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Rorvik	3
Lostwood 12 W	5320	Burke	12	48 33	102 24	2250	8P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 7 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grene	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Keeler	3
Max	5638	McLean	8	47 49	101 18	2083	8A	8A	R. H. Echefer	2 3 5
Mayville	5860	Traill	10	47 30	97 19	975	6P	6P	H. A. Regez	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schieike	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 56	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1508	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1487	6P	6P	Robert D. Gotz	2 3 5
Medina	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 7 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1825		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Stn	2 3 5 7 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Banson	3 7
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Alvin R. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 NNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	48 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 7 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	87 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	88 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3 7
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Bolten	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 7 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7855	Rolette	12	48 40	99 50	1625		MID	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5 7
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin R. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Stanley J. Vachal	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John D. Wellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	8P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Dchsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5 7
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren D. Teng	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gestonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Eatus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5 7
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severteen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundeen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Divisions, as used in Table 2, become effective with data for August 1956.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	Data for recorder stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents.

Subscription Price: 20 cents per copy; monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC, Asheville, N. C. -- 10-30-56 -- 850

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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

OCTOBER 1956
Volume LXV No. 10

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NORTH DAKOTA - OCTOBER 1956

WEATHER SUMMARY

October was a very pleasant month. It was warm, sunny, and dry. Some days were windy. In general, the fall of 1956 was one of the most favorable harvest seasons of recent years.

Although polar air covered the State at the beginning of the month, maximum temperatures on the 2d were in the middle 80's at many western stations. A few stations registered their highest temperatures for the month on that date. A cold front moved southward across the State on the 7th introducing a brief cold spell. Minimum temperatures dropped to the middle 20's over the northeast and below 20° at most stations over other parts of the State on the morning of the 9th. Warm weather predominated from the 10th to 21st. The 12th and 13th were especially mild and maximums reached the middle and upper 80's over much of the State on those dates. The highest temperature for the State, 91°, occurred at Forman on the 12th. Polar continental air poured into the State on the 22d and 23d following a frontal passage, and a number of northeastern stations registered their lowest temperatures for the month on the 23d. The coldest temperature for the State, 9°, occurred at Tioga 1 E on the 9th and at Munich 4 SW on the 23d. The 24th was mild. Temperatures from the 25th to the end of the month averaged near seasonal. Monthly mean temperatures ranged from 42.5° at Munich 4 SW to 54.8° at Wahpeton State School. Monthly mean temperatures were above the long-term means at all stations. In general, the monthly mean temperatures were only slightly above the long-term means over the western part of the State but were several degrees above the long-term means over the east. The greatest monthly temperature departure was +7.5° at Wishek.

Light scattered showers of little importance fell at some eastern stations on the 1st and over the east and north on the 5th. Many stations received light precipitation on the 13th and 14th. The period 15th to 23d was mostly fair except for some widely scattered showers and a few snowflakes at some northern stations on the 22d. Scattered showers or snow flurries also fell on the 24th, 25th, 27th, 29th, and 30th. Monthly precipitation totals ranged from less than one-fourth inch at a few stations in the extreme west, several in the south-central portion, and at a few stations in the northwest, to over an inch over most of the eastern third of the State. A few stations in the southeastern division registered totals exceeding two inches. The greatest monthly total, 2.14 inches, fell at Oakes. In general, the monthly precipitation totals were less than the long-term means over the west and central parts of the State, were near the long-term means over the northeast, and exceeded the long-term means over the east central and southeastern counties.

The weather during October continued favorable for the completion of the harvest of most crops. By the end of the month all crops except a few fields of corn and a few fields of alfalfa seed had been harvested. The rains which fell late in the month came too late to help vegetable growth but helped alleviated the stock-water problem which was becoming acute on some ranches in the southwest. In general, pasture feeds were in short supply over most of the southern half of the State but were in fair to good supply over the northern half. Cattle and sheep continued in good condition in spite of the below-average range conditions. Some herds of livestock required supplemental feeding. Some stockmen in the southwest reduced their herds earlier than usual but marketings have been very orderly. The weights of calves and lambs marketed were satisfactory.

Lucius W. Dye, Climatologist
Weather Records Processing Center
U. S. Weather Bureau
Kansas City, Missouri

SUPPLEMENTAL DATA

NORTH DAKOTA
OCTOBER 1956

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	14	12.0	52	SE	24	64	75	37	42	6	2	1	0	0	0	9	79	5.8
DEVILS LAKE WB CITY	–	–	9.4	34	SE	24	–	–	–	–	4	2	3	0	0	0	9	70	5.3
FARGO WB AIRPORT	SSE	21	18.2	52	SE	24	65	72	47	50	4	0	2	1	0	0	7	59	5.5
WILLISTON WB CITY	–	–	7.3	36	W	5	–	70	45	41	2	3	2	0	0	0	7	75	5.8

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST DIVISION																							
BOWBELLS	60.3	29.3	44.8		79	2+	13	9	620	0	0	19	0	0.31		0.15	13	0.0	0		2	0	0
CROSBY	58.9	30.3	44.6	0.6	81	12	16	9	624	0	0	20	0	0.37	- 0.46	0.15	24	T	0		1	0	0
FOXHOLM 7 N	63.5	33.2	48.4	2.9	82	12	19	9+	505	0	0	13	0	0.42	- 0.36	0.22	25	0.0	0		2	0	0
GRENORA	62.6	32.2	47.4		82	2	19	9	539	0	0	17	0	0.37		0.37	25	0.0	0		1	0	0
KENMARE AM	59.3	31.7	45.5		79	13	19	9+	595	0	0	15	0	0.35	- 0.45	0.23	6	0.0	0		1	0	0
LOSTWOOD 12 N	59.5M	29.4M	44.5M				12	9	640	0	0		0	0.31		0.18	13	0.0	0		1	0	0
MINOT CAA AP	60.1	34.3	47.2		81	12	22	9	546	0	0	13	0	0.51		0.25	13	0.0	0		2	0	0
MINOT EXP STATION AM	60.1	33.0	46.6		80	13	21	9	564	0	0	15	0	0.67		0.30	6	0.0	0		3	0	0
MOHALL	61.5	32.0	46.8	2.1	80	12	17	9	559	0	0	16	0	0.50	- 0.33	0.18	25	0.0	0		3	0	0
NEWTOWN	62.0M	32.5M	47.3M	2.7	81	2	16	9	544	0	0	13	0	0.34	- 0.40	0.20	13	0.0	0		1	0	0
PARSHALL	65.6M	32.2	48.9M		80	2+	16	9	454	0	0	15	0	0.60	- 0.12	0.26	13	0.0	0		2	0	0
PORTAL AM	58.9M	30.0M	44.5M	1.2	80	13	17	9	627	0	0		0	0.30	- 0.45	0.20	14	0.0	0		2	0	0
POWERS LAKE 1 N	59.4M	27.5M	43.5M		78	2+	12	9	662	0	0	22	0	0.04		0.04	6	0.0	0		0	0	0
STANLEY	59.6M	30.7M	45.2M				13	9	596	0	0		0	0.34		0.25	13	0.0	0		1	0	0
TIOGA 1 E AM	59.4M	26.9M	43.2M		80	3	9	9	668	0	0	24	0	0.25		0.20	14	0.0	0		1	0	0
WILLISTON WB CITY R //	60.3	34.5	47.4	1.9	81	2	19	9	537	0	0	11	0	0.40	- 0.37	0.14	24	0.0	0		2	0	0
WILLISTON EXP FARM	61.1	31.0	46.1		78	2+	18	9+	582	0	0	16	0	0.28		0.14	24	0.0	0		1	0	0
DIVISION			46.0	1.4										0.37	- 0.40			T					
NORTH CENTRAL DIVISION																							
BELCOURT INDIAN RES	60.3	28.1	44.2		77	12	12	27	639	0	0	23	0	0.26		0.14	25	0.0	0		2	0	0
BOTTINEAU AM	60.2M	30.3	45.3M	1.7	80	13	16	26	605	0	0	20	0	0.27	- 0.51	0.20	14	T	0		1	0	0
DRAKE AM	64.0M	33.5M	48.8M	4.0	85	13			498	0	0		0	0.58	- 0.28	0.36	14	0.0	0		2	0	0
ECKMAN 2 SE AM	61.2	29.4M	45.3M	1.7	81	13	18	9	594	0	0	17	0	0.50		0.33	14	0.0	0		2	0	0
GRANVILLE	62.9	33.7	48.3	2.8	86	12	19	9	508	0	0	12	0	0.49	- 0.26	0.35	13	0.0	0		1	0	0
LEEDS	61.9	33.7	47.8		79	12	17	23	525	0	0	11	0	0.24		0.13	25	0.0	0		2	0	0
MADDOCK AGR SCHOOL	61.9M	33.2	47.6M	2.6	82	12	16	23	534	0	0	13	0	0.36	- 0.54	0.23	30	0.0	0		2	0	0
ROLLA	58.0	32.9	45.5		78	12	15	23	598	0	0	15	0	0.22		0.12	13	0.0	0		1	0	0
RUGBY	63.4	34.7	49.1		81	12	19	9	489	0	0	12	0	0.26	- 0.55	0.11	25	T	0		1	0	0
SAN HAVEN	59.3	35.7M	47.5M	3.9	78	12			525	0	0		0	0.12	- 0.60	0.08	13	T	T	27	0	0	0
TOWNER	62.7M	28.4M	45.6M	1.0	82	12	11	9	598	0	0		0	0.25	- 0.54	0.25	13	0.0	0		1	0	0
UPHAM 3 N	63.4	32.2	47.8		81	12	17	9	526	0	0	14	0	0.37		0.25	13	0.0	0		1	0	0
VELVA	63.2	34.5	48.9	2.9	84	12	20	9	492	0	0	13	0	0.53	- 0.27	0.30	13	0.0	0		2	0	0
WESTHOPE	59.5	30.1M	44.8M	1.0	80	12	15	9	621	0	0	18	0	0.59		0.32	13	0.0	0		2	0	0
WILLOW CITY	60.9	27.9	44.4	1.3	80	12	10	23	632	0	0	23	0	0.19	- 0.52	0.15	13	T	0		1	0	0
DIVISION			46.7	2.4										0.35	- 0.44			T					
NORTHEAST DIVISION																							
ARVILLA STATE PARK	64.1	33.1	48.6		84	16	10	23	505	0	0	12	0	1.39		0.80	30	0.0	0		2	2	0
BISBEE	59.8	32.2	46.0		79	12	16	23	582	0	0	16	0	0.15		0.13	25	0.0	0		1	0	0
CAVALIER	63.1	34.8	49.0		80	16	18	23	493	0	0	11	0	1.48		0.84	25	0.0	0		2	2	0
DEVILS LAKE WB CITY R //	59.7	34.9	47.3	3.4	80	12	19	23	541	0	0	11	0	0.91	- 0.35	0.41	25	T	T	27+	3	0	0
EDMORE 1 W	59.3	29.4	44.4		77	12	13	23	635	0	0	23	0	0.90		0.61	25	0.0	0		2	1	0
GRAFTON	63.3	35.3	49.3	3.1	82	16	12	23	483	0	0	11	0	1.40	0.22	0.66	25+	0.0	0		2	2	0
GRAND FORKS CAA AP R	62.4	34.4	48.4		83	12	16	23	509	0	0	15	0	1.45		0.75	25	0.0	0		3	1	0
GRAND FORKS UNIVERSITY	63.2	36.5	49.9	4.6	83	12	18	23	466	0	0	10	0	1.45	0.23	0.69	30	0.0	0		2	2	0
HANNAH	58.8	33.1	46.0		78	12	13	23	584	0	0	13	0	0.66	- 0.40	0.44	25	0.0	0		2	0	0
HANSBORO	59.0M	31.7M	45.4M	2.1			15	23	600	0	0		0	0.35	- 0.47	0.21	25	0.0	0		1	0	0
LANGDON EXP FARM	60.3	32.5	46.4	3.4	76	12	14	23	569	0	0	15	0	1.06	- 0.05	0.74	25	0.5	0		2	1	0
LARIMORE	63.9	36.1	50.0	4.3	83	12+	16	26	461	0	0	8	0	1.52	0.32	0.78	30	0.0	0		3	2	0
MC VILLE	61.7	34.8	48.3		81	12+	17	23	513	0	0	11	0	1.50		0.90	25	0.0	0		2	2	0
MUNICH 4 SW	59.1	25.9M	42.5M		78	12	9	23	688	0	0		0	0.68		0.46	25	T	0		2	0	0
PARK RIVER	64.3	36.8	50.6	5.3	82	16	19	23	442	0	0	7	0	1.38	0.27	0.73	25	0.0	0		2	2	0
PEMBINA 2 N	64.4M	34.1	49.3M		81	12+	15	23	482	0	0	12	0	1.62	0.44	1.01	25	0.0	0		2	2	1
PETERSBURG	60.5	34.3	47.4		81	16	20	23	536	0	0	12	0	1.41	0.24	0.86	25	0.0	0		2	2	0
DIVISION			47.6	3.2										1.14	0.05			T					
WEST CENTRAL DIVISION																							
BEULAH AM	64.0	28.8M	46.4M		85	3+	14	9+	564	0	0	25	0	0.61		0.35	14	0.0	0		2	0	0
BUTTE AM	63.8M	36.3M	50.1M		85	13	21	29	462	0	0		0	0.36		0.18	14	0.0	0		1	0	0
CENTER	63.8M	29.7	46.8M		81	12+	14	9	559	0	0	21	0	0.28		0.15	13	0.0	0		2	0	0
DUNN CENTER 2 SW AM	61.1M	32.9	47.0M	2.1	84	3	20	9	552	0	0	16	0	0.35	- 0.46	0.27	14	0.0	0		1	0	0
GARRISON AM	62.0	31.2	46.6	1.4	80	3+	19	9	562	0	0	16	0	0.28	- 0.50	0.13	25	0.0	0		2	0	0
MAX AM	60.4	32.2	46.3	2.4	79	13	21	9	573	0	0	14	0	0.43	- 0.29	0.24	14	0.0	0		2	0	0
RAUB 1 SSW					83	2				0	0		0	0.57		0.27	24	0.0	0		3	0	0
RIVERDALE AM	61.6	33.7	47.7		81	13	18	9	529	0	0	11	0	0.33		0.19	14	0.0	0		2	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
TURTLE LAKE		64.2	33.4	48.8		83	12	19	9	496	0	0	15	0	0.25		0.12	13	0.0	0		2	0	0
UNDERWOOD	AM	62.7	32.5	47.6		84	13	18	9	530	0	0	14	0	0.27		0.23	14	0.0	0		1	0	0
WASHBURN		64.9				85	12				0		0	0	0.27	- 0.55	0.15	14	0.0	0		2	0	0
WATFORD CITY		62.6	31.4	47.0	0.5	82	2+	16	30	551	0	0	16	0	0.12	- 0.84	0.08	14	0.0	0		0	0	0
WATFORD CITY 14 S		66.6M	30.5M	48.6M		84	12	16	9	503	0	0	17	0	0.12		0.10	13	0.0	0		1	0	0
WILTON		65.2	34.3	49.8		85	12	22	9	468	0	0	13	0	0.22		0.10	14	0.0	0		1	0	0
DIVISION				47.7	2.1										0.32	- 0.51			0.0					
CENTRAL DIVISION																								
CARRINGTON	AM	62.6	31.6	47.1	2.1	83	13	18	23	547	0	0	14	0	1.16	0.01	0.59	25	0.0	0		2	2	0
FESSENDEN		65.0	34.6M	49.8M	4.5	84	12	18	23	463	0	0	9	0	0.59	- 0.45	0.29	25	0.0	0		2	0	0
JAMESTOWN CAA AP	R //	63.5	33.0	48.3		86	12	17	9	512	0	0	16	0	1.69		0.55	24	0.0	0		4	2	0
JAMESTOWN STATE HOSP		64.9	36.0	50.5	4.0	85	12+	19	9	442	0	0	9	0	1.44	0.27	0.73	25	0.0	0		2	2	0
KENSAL WILDLIFE REFUGE		65.6	34.1	49.9		84	16	18	9	461	0	0	10	0	1.64		0.84	25	0.0	0		3	2	0
MC CLUSKY		63.2	34.5	48.9	3.1	86	12	19	9	493	0	0	12	0	0.26	- 0.76	0.10	25	0.0	0		1	0	0
MC HENRY 5 N		62.5	33.6	48.1		82	16	17	23	518	0	0	14	0	1.62		0.83	25	0.0	0		2	2	0
PETTIBONE		64.6M	34.6M	49.6M	4.4	83	12	19	9	474	0	0		0	0.93	- 0.22	0.55	25	0.0	0		3	1	0
STEELE		67.3M	32.1M	49.7M	3.8	86	12	15	9	456	0	0	14	0	0.54	- 0.66	0.27	25	0.0	0		2	0	0
DIVISION				49.1	3.5										1.10	- 0.04			0.0					
EAST CENTRAL DIVISION																								
AMENIA		66.9	36.5	51.7		85	12	22	23	405	0	0	10	0	1.32		0.75	30	0.0	0		2	2	0
COOPERSTOWN		64.4	34.3	49.4		82	12+	20	7	480	0	0	11	0	1.79	0.65	0.94	25	0.0	0		3	2	0
FARGO WB AP	R //	65.1	38.3	51.7	5.6	84	12	21	23	404	0	0	8	0	1.14	- 0.12	0.65	25	0.0	0		3	1	0
HILLSBORO		66.4	37.9	52.2	5.9	85	12	20	23	402	0	0	8	0	1.38	0.25	0.81	30	0.0	0		2	2	0
MAYVILLE		64.5	37.0	50.8	3.7	85	12	19	23	437	0	0	8	0	1.41	0.35	0.78	30	T	0		2	2	0
SHARON		63.9M	36.2M	50.1M	5.2	83	12	21	9+	453	0	0		0	1.49	0.24	0.75	25	0.0	0		2	2	0
VALLEY CITY		67.2M	36.9	52.1M	4.9	83	7+	20	9+	401	0	0	9	0	1.70	0.52	0.97	30	0.0	0		2	2	0
DIVISION				51.1	4.9										1.46	0.33			T					
SOUTHWEST DIVISION																								
AMIDON	AM	63.3M				87	13				0	0		0	0.45		0.23	14	0.0	0		3	0	0
BEACH	AM	62.9	32.0	47.5		88	13	19	30	539	0	0	17	0	0.29		0.16	25	0.0	0		2	0	0
BELFIELD		62.4	30.4M	46.4M		88	12	16	30	570	0	0		0	0.35		0.20	13	0.0	0		1	0	0
BOWMAN COURT HOUSE		65.8	31.5	48.7	2.2	86	12	17	30	497	0	0	16	0	0.41		0.19	14	0.0	0		3	0	0
DICKINSON CAA AP	R //	62.3	33.7	48.0		88	12	23	9+	519	0	0	15	0	0.54		0.29	24	0.0	0		2	0	0
DICKINSON EXP STATION	AM	64.2	31.9	48.1	3.3	88	13	18	9	519	0	0	15	0	0.43	- 0.45	0.28	14	0.0	0		2	0	0
FAIRFIELD		61.0	29.1	45.1		85	12	17	30	612	0	0	20	0	0.19		0.18	13	0.0	0		1	0	0
HETTINGER		64.2	32.8	48.5	1.4	88	12	22	29	507	0	0	15	0	0.67	- 0.16	0.27	24	0.5	0		4	0	0
MARMARTH		67.1M	31.8	49.5M	2.9	89	12+	19	29	469	0	0	16	0	0.20	- 0.72	0.10	13+	0.0	0		2	0	0
MEDORA 3 NNE		67.5M	28.0	47.8M		89	12	11	30	528	0	0	23	0	0.32		0.30	13	0.0	0		1	0	0
MOTT		65.8	31.1	48.5	1.7	88	12	16	9	504	0	0	19	0	0.52	- 0.16	0.22	14	T	T	29	3	0	0
NEW ENGLAND		64.5	31.8	48.2	2.0	88	12	16	31	512	0	0	17	0	0.45	- 0.40	0.25	24	0.0	0		2	0	0
RICHARDTON ABBEY	AM	62.5	35.7	49.1	1.9	88	3	26	9	492	0	0	12	0	0.62	- 0.21	0.35	14	T	0		2	0	0
DIVISION				48.0	1.5										0.42	- 0.44			T					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		64.7	38.1	51.4		86	12	23	9	418	0	0	7	0	0.28		0.19	14	0.0	0		1	0	0
BISMARCK WB AP	R //	65.1	32.9	49.0	3.3	87	12	18	9	485	0	0	14	0	0.25	- 0.75	0.16	14	0.0	0		1	0	0
CARSON NO 2	AM	65.0M	34.6M	49.8M	3.0	88	13	18	9	475	0	0	12	0	0.13	- 0.89	0.09	25	0.0	0		0	0	0
FORT YATES																								
LINTON		68.8	34.0	51.4	4.0	90	12	11	9	420	1	0	16	0	0.31	- 0.79	0.15	25	0.0	0		2	0	0
MANDAN EXP STATION	AM	65.2	34.8	50.0	3.4	86	13	18	9	461	0	0	11	0	0.14	- 0.78	0.11	14	0.0	0		1	0	0
MANDAN FT LINCOLN PARK		67.3	34.0M	50.7M		88	12	16	9	444	0	0		0	0.20		0.14	14	0.0	0		1	0	0
MOFFIT 4 SE		68.1	33.6M	50.9M		88	12	15	9	444	0	0		0	0.38		0.26	25	0.0	0		2	0	0
NEW SALEM 1 S		64.1	34.5	49.3	2.6	86	12	21	23	480	0	0	13	0	0.32	- 0.44	0.12	14	T	0		2	0	0
DIVISION				50.3	3.0										0.25	- 0.76			T					
SOUTHEAST DIVISION																								
ASHLEY		66.6	35.2	50.9	5.0	83	7+	15	9	429	0	0	11	0	1.43	0.49	0.65	25+	0.0	0		3	2	0
EDGELEY EXP FARM	AM	65.6	34.4	50.0	3.3	86	13	18	23	457	0	0	14	0	1.48	0.53	0.73	25	0.0	0		2	2	0
ELLENDALE		68.5	37.7	53.1	5.6	88	12	23	9	365	0	0	10	0	2.09	1.01	1.17	30	T	0		2	2	1
ENDERLIN	AM	65.7	32.7	49.2		85	13	19	9+	481	0	0	15	0	2.02		1.18	30	0.0	0		3	2	1
FORMAN		68.3M	37.5M	52.9M		91	12	19	9	380	1	0	9	0	1.02	- 0.15	0.55	25	0.0	0		2	1	0
FULLERTON		68.7	36.3	52.5	5.1	89	12	19	9	383	0	0	11	0	1.74	0.58	0.98	30	0.0	0		2	2	0
GACKLE		64.8	36.4M	50.6M		83	12+	24	9+	443	0	0		0	1.83		0.98	25	0.0	0		3	2	0
GRAND RAPIDS 1 N		68.0	33.6	50.8		87	12	15	9	435	0	0	13	0	2.10		1.09	30	0.0	0		2	2	1
HANKINSON R R STATION	AM	66.7	35.6	51.2	4.3	84	13	21	24	421	0	0	9	0	0.99	- 0.05	0.49	30	0.0	0		3	0	0
LISBON		68.9	34.8	51.9	4.6	86	12	17	9	409	0	0	12	0	1.68	0.49	1.02	30	0.0	0		2	2	1
MC LEOD 3 E		67.4	37.5	52.5	4.8	84	15	19	23	390	0	0	9	0	1.09	- 0.03	0.58	25	0.0	0		2	2	0
NAPOLEON		67.0	35.2M	51.1M	4.8	86	12	18	9	420	0	0	7	0	0.55	- 0.65	0.41	25	0.0	0		1	0	0
OAKES	AM	66.2	33.4	49.8	3.0	89	13	17	9	467	0	0	16	0	2.14	1.05	1.50	30	0.0	0		3	1	1
WAHPETON STATE SCHOOL		69.5	40.1	54.8	5.8	84	12	23	9+	324	0	0	7	0	1.04	- 0.11	0.50	25	0.0	0		2	1	0
WISHEK		70.0M	34.3M	52.2M	7.5	85	12	15	9	393	0	0		0	1.82	0.86	0.75	25	0.0	0		3	2	0
DIVISION				51.6	4.6										1.53	0.45			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABERCROMBIE 3 NW	.77													T												.41	T	T			.36		•
ADAMS 7 S	1.60																									.97					.63		•
ALEXANDER	.44													.10	.10										.09							.15	•
ALMONT 7 SW	.28													.05	.19										T	.04			T				•
AMBROSE 3 N	.56					.09								.11									.10		.26				T				•
AMENIA	1.32														.02											.52				.03	.75		•
AMIDON	.45													.11	.23											.11							•
ARVILLA STATE PARK	1.39						.03																			.56					.80		•
ASHLEY	1.43													.12	.01											.65					.65		•
BALTA	.28					.02								.15	.02								T			.09							•
BANTRY	.25														.25																		•
BEACH	.29					T									.13								T			.16	T						•
BELCOURT INDIAN RES	.26					T									.12								T			.14							•
BELFIELD	.35					T								.20	.03										.08			T	T			.04	•
BERTHOLD	.57						.25					.11			.01										.06	.14							•
BEULAH	.61														.35	.08										.18							•
BISBEE	.15														.02											.13							•
BISMARCK WB AP R//	.25	T				T								T	.16								T		.06	T				T	.03		•
BISMARCK 12 ENE	.37															.20										.15					.02		•
BOTTINEAU	.27						.01								.20	T							T	T		.06			T				•
BOWBELLS	.31						.14							.15									.02									T	•
BOWMAN COURT HOUSE	.41													.10	.19										.12								•
BOWMAN 11 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
BOWMAN 30 NNW	.33													.33																			•
BURT 16 N	.57													.20	.15											.22				T			•
BUTTE	.36						.09								.18	.09																	•
CARRINGTON	1.16						.01									.05										.59					.51		•
CARSON NO 2	.13														.04											.09							•
CAVALIER	1.48					T	.05							T									T			.84					.59		•
CENTER	.28													.15	.13																T		•
COLGATE	1.62																									.80					.82		•
COLUMBUS	.34					.09								.25																			•
COOPERSTOWN	1.79														.23											.94					.62		•
COURTENAY	1.24																									.75	.10				.39		•
CROSBY	.37					.06								.09									.07		.15			T					•
DEVILS LAKE WB CITY R//	.91	T				T									.02								T		.15	.41		T		.02	.31		•
DICKINSON CAA AP R//	.54													.18	.07										.29	T	T					T	•
DICKINSON EXP STATION	.43														.28											.15	T						•
DONNYBROOK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									.10	.07							•
DRAKE	.58						.13								.36	.04										.05							•
DUNN CENTER 2 SW	.35						T								.27									T		.08							•
ECKMAN 2 SE	.50	T													.33											.17							•
EDGELEY EXP FARM	1.48														.02											.73	.02				.71		•
EDMORE 1 W	.90	T				T	.04								T								T		T	.61		T			.25		•
ELGIN 5 S	.12													T	.12										T					T	T		•
ELLENDALE	2.09						T							T	.02										T	.88				.02	1.17		•
ENDERLIN	2.02																									.53	.23				1.18	.08	•
EPPING	.21					.02								.09	.04							T	T		.06								•
FAIRFIELD	.19					T								.18											.01		T						•
FARGO WB AP R//	1.14	T					T							T												.65		T		.19	.30		•
FESSENDEN	.59						.02								.07											.29					.21		•
FLASHER	.12														.12																		•
FLAXTON	.36					T	.19							.14									.03		T								•
FORBES 13 NW	1.31													.11												.66					.54		•
FORMAN	1.02																									.55					.47		•
FORT YATES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
FOXHOLM 7 N	.42						.08							.12											T	.22							•
FULLERTON	1.74													T												.76				T	.98		•
GACKLE	1.83													.22												.98					.63		•
GARRISON	.28						T								.11	.04										.13							•
GLEN ULLIN 13 N	.43													.15	.28																		•
GOLDEN VALLEY 10 S	.27													.18	.06										.03	T							•
GRAFTON	1.40						.08																			.66			T		.66	T	•
GRAND FORKS CAA AP R	1.45					T	T								T											.75				.36	.34		•
GRAND FORKS UNIVERSITY	1.45						.06																			.67				.03	.69		•
GRAND RAPIDS 1 N	2.10													.04												.97				T	1.09		•
GRANVILLE	.49													.35	.05										.04	.05							•
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
GRENORA	.37					T								T												.37							•
HAGUE	.63													.26	T											.35					.02		•
HALLIDAY	.42													.26	T										.16								•
HANKINSON R R STATION	.99																									.15	.35				.49		•
HANNAH	.66					T	.06																			.44		T	T		.16		•
HANSBORO	.35					.05								.01	.05								.02		.01	.21							•
HARVEY	.50														.14											.16					.20		•
HETTINGER	.67													.15	.13										.27	.02					.10		•
HILLSBORO	1.38	T													T											.55				T	.81	.02	•
JAMESTOWN CAA AP R//	1.69	T				T								.01	.03										.55	.41				.53	.16		•
JAMESTOWN STATE HOSP	1.44													T	.08											.73					.63		•
KEENE 2 S	.51													.26	.25																		•
KENMARE	.35						.23								.06											.06							•
KENSAL WILDLIFE REFUGE	1.64						T								.12											.84			T		.68		•
KILLDEER 8 NW	.09																								.09								•
KULM	1.54																									.86					.68		•
LANGDON EXP FARM	1.06	T													T											.74					.32		•
LANSFORD	.52					.02	.03							.20	T								T		T	.27							•
LARIMORE	1.52						.10																			.64					.78		•
LEEDS	.24					T								.01												.13					.10		•
LEFOR 10 E	.60													.04	.28										.26	.02							•
LINTON	.31													.14	.02											.15					T		•
LISBON	1.68																									.65	.01				1.02		•
LITCHVILLE	1.77														.04											.76				T	.97		•
LOSTWOOD 12 N	.31					.01	.07							.18	.01								.03			.01							•
MADDOCK AGR SCHOOL	.36														.02											.11					.23		•
MANDAN EXP STATION	.14						.01								.11	.02										T					T		•
MANDAN FT LINCOLN PARK	.20						T							T	.14											.06					T		•
MARMARTH	.20													.10	.10																		•
MARTIN	.22													.06	.14								.02										•
MAX	.43						T								.24	.06										.13							•
MAYVILLE	1.41													T	.01											.62					.78		•
MC CLUSKY	.26													.08	.08											.10							•
MC HENRY 5 N	1.62														.05											.83					.74		•
MC LEOD 3 E	1.09																									.58					.51		•
MC VILLE	1.50														.02											.90	.02				.56		•
MEDINA	1.39														.12											.76					.51		•
MEDORA 3 NNE	.32													.30	.02								T										•
MEDORA 23 NNW	.18														.18																		•
MINOT CAA AP	.51					.11								.25	.07								T		.08			T					•
MINOT EXP STATION	.67						.30								.22	.03								T		.12			T				•
MOFFIT 4 SE	.38					T								T	.12						T					.26					T		•
MOHALL	.50					T								.17									T		.15	.18							•
MONTPELIER	1.96													.05	.10											.93				T	.88		•
MOTT	.52													.10	.22										.11	.09				T			•
MUNICH 4 SW	.68					T																				.46					.22		•
NAPOLEON	.55													.06												.41				.08			•

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3–Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.45													.18											.25	.02						
NEW ROCKFORD 7 WNW	1.00		.15				.05								.13											.41					.26	
NEW SALEM 1 S	.32													.10	.12										T	.05					.05	
NEWTOWN	.34					T								.20	.06										.07	.01						
NOONAN	.42													.30									.12		T							
NORTONVILLE	1.84													.12												.70					1.02	
OAKES	2.14														T											.48	.16				1.50	
PARK RIVER	1.38						.07																			.73			T		.58	
PARSHALL	.60					.03	.01							.26	.15										.06	.09						
PEMBINA 2 N	1.62																									1.01					.61	
PETERSBURG	1.41						.04								T											.86					.51	
PETTIBONE	.93														.17											.55				T	.21	
PINGREE	1.46														.10											.71					.65	
PORTAL	.30					T	.10								.20							T	T			T						
POWERS LAKE 1 N	.04					T	.04							T											T							
PRETTY ROCK	0 .24													.02	.15										.02						0.05	
RAUB 10 SSW	.57													.12	.18										.27							
REEDER	.86													.32	.16										.38							
REEDER 14 N	.75														.37											.38						
RICHARDTON ABBEY	.62														.35	T										.27			T		T	
RIVERDALE	.33														.19	.04										.10						
ROLLA	.22					T								.12	.02								T		.08							
RUGBY	.26					.01								.08	.06									T		.11		T				
RYDER	.71						T							.24	.21											.26						
SAN HAVEN	.12					T								.08	.02										T	.02		T				
SCRANTON	.63													.16	.16										.31						T	
SELFRIDGE 11 W	.17													.15												.02						
SENTINEL BUTTE 20 S	.20													.20																		
SHARON	1.49																									.75					.74	
SHERWOOD 3 N	.41					T	.01							.12									T		.24	.04						
SHIELDS	.08													T	.08										T							
STANLEY	.34													.25	.01										.08							
STEELE	.54	.02												T	.22											.27					.03	
SYKESTON	.81														T											.51					.30	
TAGUS	.48						.05							.10	.08										.05	.20						
TIOGA 1 E	.25	.05													.20						T					T						
TOLLEY 4 NE	1.00													T											1.00							
TOWNER	.25													.25																		
TROTTERS 6 SE	.28					T								.14									T		.14							
TURTLE LAKE	.25													.12	.10											.03						
TUTTLE	.36														.20											.16			T			
UNDERWOOD	.27														.23											.04						
UPHAM 3 N	.37					.03								.25	.02										T	.07						
VALLEY CITY	1.70													.04												.69				T	.97	
VELVA	.53					.15	T							.30	.03										T	.05						
VERONA	1.78																									.79					.99	
WAHPETON STATE SCHOOL	1.04	T																								.50	.04	T		.07	.43	
WALHALLA	1.73																				T					.93					.80	
WARWICK	1.18														T											.74					.44	
WASHBURN	.27													.10	.15												.02					
WATAUGA S DAK 8 N	T														T								T								T	
WATFORD CITY	.12													.04	.08										T							
WATFORD CITY 14 S	.12													.10	.02								T		T							
WESTHOPE	.59					T								.32	.01										.26							
WILDROSE	.27													.17									.04		.06							
WILLISTON WB CITY R//	.40					.01								.08	.04							T	T		.14							.13
WILLISTON EXP FARM	.28					.02								.09	.03										.14							
WILLOW CITY	.19					T								.15	.01									T		.03		T				
WILTON	.22													.07	.10																.05	
WISHEK	1.82													.68	.04											.75					.35	
WOODWORTH 5 E	1.05						T								.05											.70					.30	
ZAHL	.31					.02								.04									.05		.20				T			

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
OCTOBER 1956

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	70	83	68	77	72	63	80	58	58	63	82	86	70	59	67	82	64	78	66	66	77	59	49	59	52	55	51	41	44	52	55	64.7
	MIN	47	44	46	39	41	36	46	35	23	34	40	49	46	33	39	45	36	38	56	34	44	39	35	37	31	31	39	29	26	32	32	38.1
AMENIA	MAX	76	79	73	68	76	64	84	77	58	64	70	85	80	63	72	83	70	76	80	73	76	61	57	63	63	52	45	54	44	47	42	66.9
	MIN	46	43	44	33	45	43	30	38	24	24	43	33	55	32	26	33	45	38	49	41	30	36	22	41	40	29	30	39	33	38	29	36.5
AMIDON	MAX	77	66	84	65	81	69		71	50	61	65	81	87	50	56	64	77	66	79	57	75	71	48	52	50	51	49	48	51	45	53	63.3
	MIN			50			38	41	39				49	41	38								41	26	38	20	24	31	23	25	20	25	
ARVILLA STATE PARK	MAX	75	75	69	67	64	59	79	67	57	63	69	82	80	59	71	84	68	73	80	73	75	56	52	61	61	48	42	49	41	44	45	64.1
	MIN	36	39	43	28	37	41	27	36	18	17	40	34	50	35	31	33	40	27	56	42	35	34	10	43	37	23	20	29	24	35	27	33.1
ASHLEY	MAX	75	74	82	70	70	58	83	64	56	60	80	83	76	58	69	83	65	80	77	82	75	61	52	72	62	55	50	50	42	50	52	66.6
	MIN	40	39	42	26	41	40	30	34	15	30	38	36	55	29	32	41	40	40	50	32	40	35	20	43	35	27	36	35	26	34	31	35.2
BEACH	MAX	74	68	75	66	78	67	65	76	51	65	63	81	88	51	58	66	78	66	78	58	70	74	49	52	41	52	49	48	43	44	55	62.9
	MIN	38	41	41	40	43	30	35	30	22	31	32	40	43	31	31	34	32	35	38	26	34	34	30	33	24	28	28	26	21	19	21	32.0
BELCOURT INDIAN RES	MAX	68	72	70	68	67	55	71	66	51	59	66	77	73	52	64	74	67	68	71	58	67	58	43	57	56	43	37	43	47	51	49	60.3
	MIN	28	27	41	20	33	27	25	32	16	19	30	31	40	23	27	29	37	35	45	38	26	31	13	38	30	15	12	25	22	32	23	28.1
BELFIELD	MAX	71	84	70	82	65	64	74	52	56	62	82	88	61	57	56	78	66	79	57	67	75	57	47	46	50	49	49	41	44	54	50	62.4
	MIN	40	39	42	32	40	28	36	30	23		29	36	39	30	32	36	30	29	37	24	34	28	27	34	21	22	27	24	18	16	30	30.4
BEULAH	MAX	76	70	85	65	80	71	62	77	51	57	62	78	85	60	58	69	79	62	78	65	69	79	43	54	57	52	49	49	42	45	54	64.0
	MIN	35	30	32	28	33	34	34	30	14	14	29	30	37	29	32	32	33	31	30	29	27	30	24	31	27	29	29	29	20	21		28.8
BISBEE	MAX	71	72	60	68	60	55	71	56	52	60	67	79	68	53	64	75	62	70	74	59	66	52	46	63	58	44	37	45	48	50	50	59.8
	MIN	34	34	44	29	37	39	32	28	23	22	31	39	41	26	31	31	40	35	50	41	36	32	16	43	33	21	22	27	20	35	25	32.2
BISMARCK WB AP	MAX	72	84	68	76	72	60	82	52	56	61	81	87	68	59	69	82	63	79	71	67	78	57	51	70	52	53	49	49	45	53	53	65.1
	MIN	39	35	38	30	37	37	36	27	18	30	35	40	38	30	36.	36	38	34	45	32	32	26	24	39	31	32	34	25	22	34	31	32.9
BOTTINEAU	MAX	65	68	74	59	70	64		71	49	52	64	71	80	68	55	64	74	58	72	68	65	69	48	50	62	43	45	39	42	46	52	60.2
	MIN	31	32	40	26	39	32	33	23	21	29	35	39	44	23	24	33	39	39	39	27	29	38	22	27	31	16	23	30	20	26	30	30.3
BOWBELLS	MAX	67	79	66	74	61	60	68	55	51	65	79	79	74	56	59	74	58	72	62	65	65	55	45	47	49	46	44	48	48	52	45	60.3
	MIN	34	33	38	27	29	28	35	25	13	21	28	40	38	23	29	37	31	31	37	35	32	34	22	37	21	18	23	32	20	24	33	29.3
BOWMAN COURT HOUSE	MAX	66	83	80	80	75	65	79	71	60	65	80	86	81	56	65	77	69	78	72	69	75	68	52	52	50	51	50	46	40	51	48	65.8
	MIN	39	37	38	36	45	29	38	28	23	30	39	41	45	27	32	38	36	33	37	25	35	32	25	35	21	20	24	25	22	17	25	31.5
BUTTE	MAX	75	69	78	62	73	67	57	73	48	54	66	75	85	68	55	65	77	58	74	69		75	42	56	66	49			49	48	52	63.8
	MIN	43	40	49	32	42	36	38	35	22	33	40	46	51	33	37	43	36	34	44	39		32	32	36	32	28			21	28	34	36.3
CARRINGTON	MAX	71	70	78	63	69	65	60	75	49	55	61	75	83	69	58	67	80	60	79	77	74	76	46	51	67	41	46	40	45	42	48	62.6
	MIN	41	38	44	27	33	37	29	33	23	24	33	34	38	29	33	36	36	31	35	40	39	37	18	23	34	26	25	29	23	25	28	31.6
CARSON NO 2	MAX			85	67				80	58	59	63	86	88	62	59	69	81	65	79	65	68	79	48	60	62	62	54	52	45	43	51	65.0
	MIN			45	33			36	34	18	31	43	48	47	29	36	47	38	34	53	29	40	37	24	33	30	28	32	28	22	30	29	34.6
CAVALIER	MAX	71	71	68	63	59	58	73	69	51	61	67	79	78	69	69	80	75	70	79	76	67	62	48	61	60	47	43	45	44	45	47	63.1
	MIN	38	42	44	32	40	43	29	39	23	23	37	35	46	35	37	34	34	34	54	47	34	29	18	42	37	30	23	31	27	33	29	34.8
CENTER	MAX	73	80	63	72	70	69	77	67	57	62	80	81	63	58	68	81	78	66	64	76			51	50	51	48	49	44	46	52	54	63.8
	MIN	53	39	43	24	32	34	30	28	14	25	27	35	35	27	33	34	27	39	29	31	29	35	22	20	25	27	25	26	18	30	26	29.7
COOPERSTOWN	MAX	71	78	76	69	65	63	79	69	55	63	72	82	75	59	67	82	75	76	77	64	72	64	48	61	61	48	43	48	44	45	44	64.4
	MIN	38	36	45	27	33	28	20	34	21	30	38	38	53	33	32	36	41	40	51	37	34	35	21	44	35	28	29	33	26	35	31	34.3
CROSBY	MAX	67	78	69	72	64	61	67	48	55	64	77	81	60	57	66	72	59	73	58	67	61	50	47	43	49	43	39	42	43	50	45	58.9
	MIN	37	36	41	31	32	30	38	29	16	32	31	38	41	33	27	35	35	39	33	32	30	29	25	31	23	22	24	21	19	20	29	30.3
DEVILS LAKE WB CITY	MAX	70	75	62	68	62	55	72	49	53	62	72	80	70	52	67	79	57	77	76	59	73	44	47	60	41	45	38	45	43	48	49	59.7
	MIN	38	39	39	33	40	38	38	31	25	27	38	44	43	32	39	42	39	38	45	39	42	25	19	41	32	26	27	29	26	34	34	34.9
DICKINSON CAA AP	MAX	68	84	66	80	70	62	77	51	59	63	82	88	55	56	65	77	64	78	58	67	76	50	48	47	50	51	50	41	44	52	52	62.3
	MIN	45	43	39	37	39	32	41	25	23	32	41	44	34	34	37	44	37	35	35	31	44	28	29	31	23	29	30	26	24	23	31	33.7
DICKINSON EXP STATION	MAX	76	68	84	66	81	70	64	76	51	60	63	82	88	63	58	62	78	64	78	78	68	78	46	49	45	52	52	51	42	44	52	64.2
	MIN	40	36	42	33	40	33	34	27	18	29	33	42	44	33	33	30	33	34	39	28	32	37	28	32	26	27	29	29	22	22	25	31.9
DRAKE	MAX	74	70	78	64	72	68		72	50	54	64	74	85	71	52	66	77	58	75	73	73		49	54	67	48			44	42	53	64.0
	MIN	39	40	49	34	38	37		33	22	24	34	37	48	31	37	39	34	34	37	39	31		24	29	32	23			23	24	33	33.5
DUNN CENTER 2 SW	MAX	71	66	84	62	78	65	60	71	48	57	60	79	81		56	68	69				72	72	43	49	47	51	47	46	48	46	53	61.1
	MIN	42	42	48	39	40	35	40	34	20	22	31	35	40	30	30	40	35	38	30	31	36	38	27	30	27	27	28	30	23	24	28	32.9
ECKMAN 2 SE	MAX	67	70	77	61	75	60	59	73	51	54	65	77	81	61	56	66	76	56	73	68	69	71	48	47	62	51	45	39	43	46	51	61.2
	MIN	36	38	40	27	27	35	34	33	18	19	24	30	36	28	25	35	35	34	35	34	35	33	19		31	21	22	21	21	23	32	29.4
EDGELEY EXP FARM	MAX	76	77	84	73	69	74	59	84	52	56	61	75	86	76	55	73	83	65	80	79	63	74	57	56	73	44	54	43	44	41	48	65.6
	MIN	39	42	45	30	40	41	31	37	20	24	32	38	44	29	32	45	43	32	40	38	35	36	18	25	37	32	35	37	28	32	28	34.4
EDMORE 1 W	MAX	69	70	66	65	60	53	70	65	54	60	67	77	73	51	64	75	60	70	75	60	70	57	46	56	54	42	36	40	43	45	45	59.3
	MIN	28	28	40	22	30	35	25	30	15	20	30	35	39	25	32	27	32	37	50	30	28	33	13	40	32	22	32	26	20	28	27	29.4
ELLENDALE	MAX	79	83	75	70	77	70	85	65	58	71	76	88	79	64	75	83	70	81	78	66	74	60	53	74	72	52	52	53	43	48	51	68.5
	MIN	51	37	45	33	52	39	32	39	23	31	38	42	56	31	30	35	42	37	56	39	32	39	25	45	38	30	37	40	31	37	28	37.7
ENDERLIN	MAX	75	78	81	75	70	72	59	84	53	57	63	71	85	80	58	73	83	65	80	80	60	75	56	52	66	42	53	49	54	45	42	65.7
	MIN	35	37	40	30	32	42	29	39	19	20	28	36	35	30	27	28	40	39	45	38	35	32	19	25	40	32	32	35	33	35	28	32.7
FAIRFIELD	MAX	66	81	62	77	66	69	72	48	57	60	78	85	60	55	65	75	61	78	57	59	72	60	49	46	50	48	48	41	45	53	47	61.0
	MIN	36	39	37	30	36	25	32	23	21	26	36	41	36	29	31	40	34	32	35	26	33	26	22	31	19	23	22	20	20	17	25	29.1
FARGO WB AP	MAX	74	77	73	66	74	57	81	53	56	61	68	84	81	56	73	81	65	74	79	59	73	54	53	63	63	50	54	59	57	59	42	65.1
	MIN	51	41	44	36	50	36	32	30	25	36	48	40	47	38	32	41	44	41	53	43	38	30	21	50	34	31	33	38	36	36	32	38.3
FESSENDEN	MAX	78	80	68	72	69	60	77	58	57	63	77	84	71	58	68	81	67	80	75	73	78	58	49	69	54	51	41	45	50	52	51	65.0
	MIN	38	37	45	35	35	38	37	34	20		33	39	47	28	33	35	36	34	53	42	40	33	18	44	35	26	29	28	22	34	31	34.6
FORMAN	MAX		80	75	74	78	64	83	73	56	63	76	91	78	59	74	83	73	81	79	73	74	66	53	71	70	55	49	60	46	45	48	68.3
	MIN		34	50	29	59	42	29	33	19	29	33	40	59	30	30	38	45	39	59	38	37	39	23	45	37	29	33	44	35	38	29	37.5
FORT YATES	MAX																																
	MIN																																
FOXHOLM 7 N	MAX	67	79	79	75	70	60	69	52	53	67	81	82	79	57	67	74	70	74	70	66	71	66	47	58	50	48	42	45	48	53	51	63.5
	MIN	36	35	46	26	35	36	36	35	19	19	25	41	44	32	37	42	37	29	49	34	40	35	20	40	31	27	27	31	19	32	35	33.2
FULLERTON	MAX	78	84	78	71	77	69	85	62	59	63	76	89	78	65	75	84	77	82	79	68	76	60	53	74	71	54	49	52	42	47	52	68.7
	MIN	51	35	44	29	53	42	32	39	19	29	36	39	52	31	31	33	38	37	55	38	29	38	20	44	37	31	35	36	29	36	27	36.3
GACKLE	MAX	76	80	72	71	71	61	79	67	51	61	78	83	68	54	68	83	68	78	76	78	77	64	48	68	50	51	45	49	44	45	46	64.8
	MIN	40	39	44	32	43	39		38	24	38	33	40	40	32	34	40	39	41	49	44	41	39	24	41	39	30	32	31	28	28	31	36.4

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	76	70	80	66	77	67	64	74	55	54	62	74	80	61	56	65	78	60	74	64	65	68	42	54	60	49	47	43	41	46	51	62.0
	MIN	35	37	43	33	35	34	34	31	19	21	33	36	45	31	38	35	39	30	31	33	30	32	25	25	30	25	21	26	23	24	33	31.2
GRAFTON	MAX	71	70	68	63	62	58	74	70	53	60	65	80	79	65	68	82	77	71	78	75	69	58	50	61	60	48	44	48	45	45	45	63.3
	MIN	37	37	46	33	39	41	30	38	22	25	39	36	45	33	32	32	42	39	55	45	32	40	12	44	38	28	24	37	27	36	30	35.3
GRAND FORKS CAA AP	MAX	72	73	68	64	64	56	79	52	54	62	69	83	82	54	70	82	59	75	79	58	75	51	54	62	62	48	45	50	43	45	43	62.4
	MIN	39	38	40	32	46	32	29	27	23	28	43	38	46	34	31	36	41	43	50	39	34	24	16	45	32	28	28	32	29	33	31	34.4
GRAND FORKS UNIVERSITY	MAX	72	70	69	64	62	56	80	61	53	62	69	83	81	55	70	82	66	74	80	70	75	55	54	63	59	49	44	51	43	44	43	63.2
	MIN	40	37	46	32	47	41	28	36	24	27	42	39	50	34	30	35	41	43	59	42	33	35	18	44	38	28	28	40	29	36	31	36.5
GRAND RAPIDS 1 N	MAX	78	84	72	71	74	72	85	70	59	64	76	87	77	56	74	83	73	76	78	68	74	66	53	73	69	55	48	52	43	48	51	68.0
	MIN	44	32	36	27	49	44	25	37	15	25	34	37	45	28	27	32	37	37	40	36	34	30	18	45	37	27	34	35	28	38	28	33.6
GRANVILLE	MAX	70	80	63	77	62	58	75	60	53	63	79	86	62	58	69	79	59	75	71	66	73	53	48	62	50	49	49	44	48	56	52	62.9
	MIN	38	37	46	30	38	35	37	35	19	25	30	39	43	32	35	40	34	42	51	35	33	32	21	39	32	22	22	31	22	38	33	33.7
GRENORA	MAX	71	82	75	72	67	65	67	62	56	64	78	79	70	56	66	75	68	73	70	68	67	66	47	46	52	50	45	42	43	51	49	62.6
	MIN	41	35	42	34	39	27	46	30	19	29	32	44	42	30	34	42	38	41	35	26	32	30	23	34	23	24	28	21	28	21	27	32.2
HANKINSON R R STATION	MAX	69	76	80	75	67	78	58	80	58	55	60	70	84	80	60	72	82	71	79	79	60	75	58	54	66	44	55	55	65	58	45	66.7
	MIN	36	45	47	35	38	42	32	38	26	25	31	39	41	39	32	36	42	42	42	40	37	36	25	21	42	28	33	33	36	36	29	35.6
HANNAH	MAX	68	69	58	64	57	54	70	56	52	60	66	78	71	57	64	73	57	70	75	59	68	52	44	57	57	45	39	38	48	48	49	58.8
	MIN	33	31	44	28	37	38	32	30	20	25	35	38	47	27	34	34	35	39	54	42	33	36	13	43	34	25	20	35	22	32	31	33.1
HANSBORO	MAX	71	70	58	66	56	55		70	53	60	70	80	70	54		76	55	69	76	61	68	45	46	58	53	44	35	43	46	53	50	59.0
	MIN	34	35	35	29	41	36		31	24	23	31	38	42	28		30	35	32	50	42	37	28	15	41	31	23	19	27	21	34	26	31.7
HETTINGER	MAX	77	83	67	78	70	68	81	53	59	65	82	88	73	58	68	78	66	77	66	67	76	52	52	53	50	51	49	40	40	48	54	64.2
	MIN	38	38	41	38	36	31	41	32	24	29	37	48	33	29	33	41	41	34	36	27	38	26	27	32	27	24	29	25	22	33	26	32.8
HILLSBORO	MAX	75	74	71	65	68	62	82	72	56	61	69	85	81	62	70	82	65	75	80	74	75	68	52	62	61	60	59	55	46	49	42	66.4
	MIN	47	40	44	37	46	44	30	38	26	24	40	38	58	33	28	35	44	41	58	41	36	37	20	44	41	24	39	41	32	38	30	37.9
JAMESTOWN CAA AP	MAX	72	81	68	70	69	58	81	52	56	63	77	86	73	52	69	85	63	80	78	61	78	50	49	70	43	53	45	48	41	48	48	63.5
	MIN	44	38	35	27	40	29	29	26	17	25	35	38	43	32	32	36	38	35	47	38	36	24	21	40	32	31	31	31	28	33	31	33.0
JAMESTOWN STATE HOSP	MAX	75	81	76	70	69	62	81	63	56	61	77	85	73	53	69	85	69	79	78	59	78	59	51	71	59	50	49	46	42	46	41	64.9
	MIN	44	38	43	30	39	40	28	36	19	26	36	40	53	32	32	35	40	37	54	39	38	35	22	45	37	31	33	35	29	35	36	36.0
KENMARE	MAX	64	67	77	58	72	64	60	69	48	52	63	78	79	53	55	65	73	57	70	62	64	68	46	46	49	50	45	38	44	50	53	59.3
	MIN	40	38	42	33	35	31	34	30	19	19	27	35	45	31	38	38	35	33	33	36	35	36	26	30	28	21	25	29	22	30	30	31.7
KENSAL WILDLIFE REFUGE	MAX	74	81	78	68	70	65	81	54	58	61	78	83	73	63	70	84	75	78	78	72	80	50	48	67	63	51	43	48	42	50	49	65.6
	MIN	37	36	42	28	36	39	36	29	18	23	35	35	48	40	35	36	34	33	54	33	37	35	21	44	37	29	28	32	23	34	31	34.1
LANGDON EXP FARM	MAX	69	68	63	63	64	56	72	65	51	60	65	76	70	57	65	75	68	70	75	69	70	56	46	55	53	45	41	41	45	46	49	60.3
	MIN	32	30	44	27	35	37	30	30	19	27	34	41	50	26	33	34	34	37	55	41	33	34	14	40	33	25	21	28	23	31	31	32.5
LARIMORE	MAX	72	73	69	66	66	56	78	67	54	61	69	83	78	54	70	83	69	74	80	71	76	67	55	61	57	49	43	50	41	45	44	63.9
	MIN	40	42	52	33	34	42	32	37	23	38	42	39	46	35	33	39	43	37	55	42	38	39	20	34	27	16	28	34	29	37	32	36.1
LEEDS	MAX	69	76	65	69	63	56	73	63	53	61	69	79	71	54	65	76	62	74	76	66	72	62	47	62	60	46	38	45	48	50	50	61.9
	MIN	37	35	47	26	34	37	38	32	18	27	37	36	46	29	38	42	36	36	53	40	40	36	17	44	35	20	18	26	19	36	30	33.7
LINTON	MAX	78	85	70	78	78	62	85	68	62	62	82	90	72	62	70	85	67	81	78	76	80	57	52	73	60	57	54	52	44	53	59	68.8
	MIN	40	30	40	29	38	38	30	35	11	35	38	44	50	29	30	32	42	37	55	28	28	35	24	49	30	23	38	32	26	26	32	34.0
LISBON	MAX	77	80	75	70	75	68	82	81	56	62	72	86	85	76	72	81	80	80	79	75	73	71	52	66	64	54	52	53	51	44	43	68.9
	MIN	48	37	38	28	42	42	27	37	17	22	38	32	50	30	23	35	38	38	60	38	35	29	19	46	37	29	30	37	33	38	27	34.8
LOSTWOOD 12 N	MAX				78	69	60		56	52	64	78	78		55	66	72	71	70	70		68	66	45	45	48	48	42	42	45	50	50	59.5
	MIN	33			25	32	28	37	27	12	25	26	40	37	22	26	37	36	37	45		30	36	27	35	23	20	21	31	20	23	31	29.4
MADDOCK AGR SCHOOL	MAX	69	76	64	70	65	57	74	63	53	61	71	82	72	53	65	77	58	75	74	59	73		48	65	56	46	40	47	46	48	49	61.9
	MIN	35	36	47	28	36	37	32	32	20	25	34	43	43	30	33	32	36	35	52	41	37	33	16	44	35	22	25	27	22	33	29	33.2
MANDAN EXP STATION	MAX	78	70	83	66	75	72	59	80	50	55	61	83	86	67	59	69	82	63	78	69	66	78	46	58	69	51	53	50	49	45	52	65.2
	MIN	41	39	50	30	39	36	38	34	18	30	36	43	49	31	36	36	40	33	45	32	37	37	24	34	34	31	32	28	21	29	37	34.8
MANDAN FT LINCOLN PARK	MAX	72	85	76	73	74	65	78	60	54	62	83	88	77	60	76	83	68	73	64	80	81	61	50	72	54	56	51	53	45	54	53	67.3
	MIN	38	36	34	37	37	35	36	33	16	32	32	39	42	29	34	35	40	34	41		42	34	24	46	42	38	30	26	20	30	28	34.0
MARMARTH	MAX	69	87	75	84	70	67	80			68	83	89	66	66		89	68	78	70	70	76	68	55	55	52	52	53	45	44	52	49	67.1
	MIN	36	35	39	36	43	32	37	34	22	22	32	33	43	31	31	31	31	33	37	26	28	36	33	38	26	25	34	29	19	24	29	31.8
MAX	MAX	73	67	77	61	74	66	58	72	48	54	64	77	79	60	55	64	72	57	72	65	63	67	46	51	60	48	46	40	40	46	50	60.4
	MIN	35	36	44	34	36	34	35	31	21	24	34	36	44	28	33	34	40	36	37	36	34	31	24	30	30	26	27	28	23	26	30	32.2
MAYVILLE	MAX	73	75	70	66	61	57	82	72	56	62	69	85	77	61	69	83	73	74	79	72	76	67	51	61	61	49	45	50	41	41	40	64.5
	MIN	42	41	48	34	36	44	33	37	22	26	43	37	50	35	32	44	39	37	55	42	36	35	19	46	40	27	30	40	30	37	31	37.0
MC CLUSKY	MAX	68	80	63	73	69	61	75	63	55	64	77	86	65	56	67	80	65	75	70	63	76	59	47	68	48	48	42	46	45	52	53	63.2
	MIN	39	37	49	33	43	35	37	33	19	31	35	45	45	29	32	38	36	38	55	37	35	31	22	42	31	26	25	27	22	33	30	34.5
MC HENRY 5 N	MAX	72	78	66	68	65	56	76	56	54	61	75	81	71	53	69	82	59	78	78	60	78	59	47	62	60	48	41	48	40	47	48	62.5
	MIN	37	35	45	29	37	39	31	31	21	26	36	41	47	29	34	37	34	37	55	37	30	35	17	42	33	24	27	31	24	32	30	33.6
MC LEOD 3 E	MAX	76	78	77	73	77	64	82	66	58	63	83	79	62	76	84	70	75	78	80	71	75	60	52	65	65	57	48	60	46	45	43	67.4
	MIN	48	35	50	30	33	43	38	38	20	30	38	60	31	30	38	35	42	42	55	37	33	32	19	45	40	28	32	45	35	39	40	37.5
MC VILLE	MAX	69	75	65	66	63	56	74	51	55	61	71	81	74	53	68	81	63	74	77	70	76	59	48	60	61	46	40	47	40	45	45	61.7
	MIN	35	35	46	27	41	40	29	31	20	26	39	39	53	33	34	34	39	39	57	41	33	37	17	45	35	25	30	25	30	34	31	34.8
MEDORA 3 NNE	MAX	69	86	80	82	73	66	78	69	62	64	82	89	82	59	63	79	71	81	70	71	75	62		52	54	54	52	48	46	56	50	67.5
	MIN	30	28	31	23	37	34	35	31	12	32	25	27	39	28	27	30	26	33	35	22	26	38	31	36	19	20	32	23	20	11	27	28.0
MINOT CAA AP	MAX	68	78	60	75	66	57	70	49	52	64	77	81	64	55	65	76	58	72	66	65	69	46	46	60	49	44	40	43	46	52	50	60.1
	MIN	42	43	38	32	40	36	44	28	22	26	33	46	37	31	38	45	38	32	42	35	42	28	23	38	31	25	26	29	25	34	33	34.3
MINOT EXP STATION	MAX	68	68	77	61	73	66	57	70	48	52	65	76	80	61	55	63	75	58	71	65	63	69	44	47	61	48	44	39	43	46	50	60.1
	MIN	42	39	47	33	40	34	37	33	21	26	32	42	45	31	35	37	38	32	34	34	34	28	23	30	31	25	27	28	24	28	32	33.0
MOFFIT 4 SE	MAX	72	84	81	74	71	67	80	69	57	62	80	88	84	61	70	83	78	80	77	65	78	70	50	72	53	54	49	49	45	53	54	68.1
	MIN	35		41	28	35	35	31	37	15	31	31	43	53	25	33	35	39	37	50	28	35	37	21	44	35	25	35	30	21	35	28	33.6
MOHALL	MAX	68	76	70	72	70	57	72	56	57	65	75	80	72	56	66	75	57	73	67	66	66	57	46	58	50	45	38	45	48	53	49	61.5
	MIN	36	35	43	28	35	33	39	32	17	23	27	39	42	29	32	39	38	32	42	39	36	34	19	38	29	21	26	29	21	31	29	32.0
MOTT	MAX	68	85	67	80	72	64	80	66	59	64	84	88	71	70	67	81	65	79	65	69	80	60	50	54	52	55	51	47	42	52	54	65.8
	MIN	35	32	37	30	37	30	34	31	16	31	31	42	42	37	33	37	31	30	49	24	28	35	22	39	26	23	31	26	19	25	22	31.1
MUNICH 4 SW	MAX	61	69	64	63	62	54	70	62	51	59	67	78	69	51	63	73	65	70	74	66	69	58	44	57	56	44	35	42	44	47	46	59.1
	MIN	26	24	37	21	30	32	19	27	14	19	27	33			26	26	30	33	47	35	25	28	9	35	28	12	18	21	18	26	25	25.9

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5 - Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	73	82	70	72	75	60	81	65	58	59	82	86	72	59	70	81	65	80	75	74	77	60	57	70	65	55	48	50	52	52	53	67.0
	MIN	41	36	42	31	38	39	33	35	18	33	38	33	36	31	36	36	38	36	50	36	38	21		45	36	31	36	32	34	33	33	35.2
NEW ENGLAND	MAX	67	84	70	80	77	63	77	64	68	63	81	88	73	57	63	78	64	77	65	68	75	63	51	49	50	51	49	42	41	51	51	64.5
	MIN	36	35	41	32	44	30	38	32	18	29	34	37	44	29	34	37	36	32	44	24	30	35	27	36	27	27	32	26	23	22	16	31.8
NEW SALEM 1 S	MAX	70	83	68	77	72	64	79	54	57	61	82	86	70	58	62	80	64	78	65	65	77	58	48	62	53	53	50	45	45	50	52	64.1
	MIN	45	43	40	34	41	34	43	33	26	30	36	40	40	33	36	42	37	32	46	32	45	29	21	36	31	30	30	27	23	25	28	34.5
NEWTOWN	MAX	68	81		78	68	61	72	67	54	61	77	75	68	55	67	76	66	73	64	67	68	57	47	49	51	50	42	43	48	53	55	62.0
	MIN	35	37		32	39	39	39	31	16	33	29	37	43	29	32	38	39	35	44	33	33	35	24	37	25	25	29	33	22	25	28	32.5
OAKES	MAX	72	78	80	73	70	77	59	82	53	58	61	73	89	79	54	73	81	67	81	78	60	74	54	57	72	42	53	57	55	44	45	66.2
	MIN	48	32	38	28	32	42	26	38	17	21	38	40	47	30	24	30	39	41	43	38	31	37	22	26	38	28	30	37	32	35	28	33.4
PARK RIVER	MAX	71	71	70	65	65	60	74	73	55	61	68	80	78	69	68	82	75	73	79	75	73	62	50	60	61	47	43	47	47	45	45	64.3
	MIN	40	39	49	35	38	41	35	38	26	25	36	42	44	35	35	44	43	34	54	45	41	40	19	45	38	28	24	32	27	36	33	36.8
PARSHALL	MAX	68	80	66	75	67	61	72	54	55	62	80	78	68	57	68	78	62	74	69	66	70	60	46	52							53	65.6
	MIN	33	35	41	32	34	33	32	28	16	31	29	36	40	25	28	38	35	45	54	44	40	35	33	36	24	19	18	28	22	24	31	32.2
PEMBINA 2 N	MAX	72	72	71	68	69	64	72	70	54	62	67	81	81		69	80	78	70	77	75	70	70	45	61	62	44	45	47	45	45	46	64.4
	MIN	41	33	45	29	37	31	40	35	21	22	38	34	55	29	38	36	36	36	55	40	35	38	15	41	35	28	20	32	22	32	28	34.1
PETERSBURG	MAX	70	74	64	64	63	54	73	58	53	60	70	79	74	52	67	81	58	72	76	58	74	55	48	59	60	47	39	42	42	44	45	60.5
	MIN	37	33	46	29	40	39	32	28	22	25	39	41	45	31	36	38	41	36	52	40	34	37	20	40	35	26	26	25	25	33	31	34.3
PETTIBONE	MAX	73	80	75	71	67	64	79		65	61	78	83	73		67	80	69	79	75	61	77	59	47	62	53	51	42	42	41	49	49	64.6
	MIN	39	33	47	31	39	38	32		19	29	34	45		27	34	39	39	39	56	38	36	35	22	42	34	26	30	31	26	33	29	34.6
PORTAL	MAX	64	66	78	57	71	60	61	67	47	53	65	75	80	49	56	65	73	60	75	59	66	62		45	46	47	43	38	42	46	51	58.9
	MIN	39	37	40	32	33	30	36	29	17	26	28	42	41	27	33	40	33	35	33	22	32		26	31	21	18	22	30	19	21	27	30.0
POWERS LAKE 1 N	MAX	67	78	60	71	65	60	68	50	56	56	78	78	60	55	65	73	56	70		65	68	54	45	46	49	43	42	45		50	50	59.4
	MIN	32	30	34	28	34	26	36	22	12	22	29	38		22	30	39	32	36		31	27	28	22	34	16	22	18	18		26	25	27.5
RAUB 10 SSW	MAX	69	83	63	79	68		73	68	56	62		79	50	57	68											47	47	43	47			
	MIN	43	43	45	37	42		36	35	25	35		37	29	38	37										29	27	31	34	29			
RICHARDTON ABBEY	MAX	76	68	88	64	79	70	62	76	49	57	61	81	87	59	56	66	77	62	76	62	67	75	43	50	48	50	48	49	39	42	50	62.5
	MIN	43	42	48	37	41	35	40	35	26	33	38	47	48	32	37	42	40	33	40	32	37	37	29	30	28	30	31	30	27	27	31	35.7
RIVERDALE	MAX	73	67	80	62	76	68	58	71	49	54	62	72	81	58	56	66	76	60	76	65	65	72	50	54	60	49	45	47	41	46	52	61.6
	MIN	39	38	44	32	38	39	40	39	18	27	34	39	49	29	36	38	36	35	38	36	36	39	25	25	33	29	31	27	21	23	33	33.7
ROLLA	MAX	68	71	58	67	59	54	70	54	52	61	65	78	74	51	53	71	60	68	72	58	68	50	46	58	44	44	35	44	46	50	50	58.0
	MIN	37	38	44	29	43	38	34	32	26	26	33	42	41	27	31	44	35	35	51	40	38	25	15	40	27	24	20	27	22	32	25	32.9
RUGBY	MAX	68	77	74	72	70	62	72	68	53	63	70	81	79	52	66	78	71	73	72	62	71	65	47	63	53	45	41	45	48	52	51	63.4
	MIN	37	36	46	32	38	21	37	35	19	30	34	43	41	30	32	39	45	38	56	42	38	39	21	44	34	22	25	30	22	38	31	34.7
SAN HAVEN	MAX	68	72	66	68	63	55	70	59	51	59	67	78	70	53	64	73	65	69	70	58	69	64	42	54	54	44	36	34	45	51	48	59.3
	MIN	38	38	47	32	45	38	35	34	27	33	36	46	42	26	34	36	40	38	51	40	36	35		41	33	23	25	30	25	36	30	35.7
SHARON	MAX	70	75	65	66	66	57	77	60	56	61	70	83	75	51	67	82	62	72	77	62	76	65	56	60	61	45			49	44	44	63.9
	MIN	40	35	49	27	45	40	29	29	21	34	37	44	50	31	37	37	42	36	55	40	38	36	21		36	22			38	34	31	36.2
STANLEY	MAX	66		78	73	64	60	70	50		61	79	76	60	54	69	74	62	69	60	66	69	53	45	48	44	46	40	42	47	50	52	59.6
	MIN	35		33	28	35	27	36	29	13		25	38	35	26	31	45	37	35	39	33	34	30	24	35	23	25	27	31	22	27	31	30.7
STEELE	MAX	70	81	77	73	70	65	80	74	57	65	80	86	73	58	68	72	80	79	73	63	77	67		70	53	53	48	50	53	52	52	67.3
	MIN	39	34	44	30	35	37	32	24	15	27	28	37	38	27	35	34	32	34	55	33	35	33	25		33	27	29	27	26		26	32.1
TIOGA 1 E	MAX	64	68	80	62	78	62	67	67	50	52	61	77	77	50	60	66	76	57	74	60		67	46	46	44	50	45	40	42	45	50	59.4
	MIN	33	30	33	38	32	23	32	27	9	17	24	31	38	25	25	32	34	36	40	31		28	24	32	19	16	18	22	19	18	21	26.9
TOWNER	MAX	73	78	65	73	67	59	75	57	59	65	72	82	65	65	67	78	66	70	72	72		50	44	59	49		38	47	45	54	51	62.7
	MIN	34	35	40	25	32	30	30	25	11	22	29	26	30	23	24	24	28		54	35	35	20	25		32	24	25	21	22	32	31	28.4
TURTLE LAKE	MAX	70	80	72	74	69	63	75	62	56	64	79	83	70	62	67	79	61	75	68	71	70	63	46	66	49	49	44	55	42	53	53	64.2
	MIN	39	37	44	30	44	34	38	31	19	30	31	40	43	36	30	37	38	35	49	33	32	31	22	38	29	25	29	25	21	35	29	33.4
UNDERWOOD	MAX	75	75	80	63	75	69	58	74	49	55	62	77	84	61	55	66	78	60	70	74	65	75	45	55	64	49	47	46	42	45	52	62.7
	MIN	39	39	43	32	36	36	37	33	18	26	34	38	46	32	36	37	36	36	34	35	35	32	25	30	30	25	25	25	21	25	32	32.5
UPHAM 3 N	MAX	74	79	73	74	70	61	75	62	53	66	74	81	66	58	65	80	70	73	72	65	72	59	48	65	48	46	38	45	46	54	52	63.4
	MIN	34	38	40	27	37	33	37	30	17	28	32	39	38	27	30	33	35	35	50	34	33	38	23	43	30	20	23	32	19	36	28	32.2
VALLEY CITY	MAX	75	80	77	69	67	65	83	71	56	64	71	83	82		69	82	82	80	79	75	76	71	50	65	65	50	45	48	47	45	45	67.2
	MIN	45	40	47	30	40	42	27	36	20	27	39	38	55	34	32	34	42	44	59	38	36	36	20	45	38	31	33	38	31	37	31	36.9
VELVA	MAX	69	79	73	76	72	58	72	66	53	66	76	84	75	55	66	77	69	72	69	63	71	59	46	66	49	44	41	43	47	53	51	63.2
	MIN	39	37	49	30	38	37	37	35	20	25	30	38	44	32	40	42	35	32	54	38	36	32	21	42	32	24	26	32	21	37	35	34.5
WAHPETON STATE SCHOOL	MAX	78	79	78	67	81	71	82	79	57	62	71	84	82	74	74	82	78	75	80	76	75	61	58	63	63	57	51	65	50	58	42	69.5
	MIN	51	41	50	32	54	43	30	42	23	31	45	40	65	35	34	39	39	48	57	40	35	38	23	47	40	30	34	47	37	41	32	40.1
WASHBURN	MAX	76	70	75	82	70	63	72	69	51	63	77	85	71	69	68	80	64	75	68	67	77	59	50	67	52	51	48	47	47	48	52	64.9
	MIN	47	38				38							44	33	37			45	53	35		35	25	40	32							
WATFORD CITY	MAX	69	82	69	76	67	63	72	61	58	62	81	82	59	58	67	78	64	74	60	68	72	62	50	48	52	47	48	43	48	53	47	62.6
	MIN	38	35	41	38	42	30	40	31	17	32	34	39	40	28	33	37	32	40	35	25	32	33	25	36	22	20	29	27	18	16	27	31.4
WATFORD CITY 14 S	MAX	70	83	82	77	77	65	75	70	60	62	81	84	82	58	68	80	77		69	60	74	71	57	50	54	54	52	48	48	55	54	66.6
	MIN	36	35	35	39	41	32	37	28	16	35	29	35	44	26	28	36	30		24	41	29	36	24	37	18	19	32	26	23	17	28	30.5
WESTHOPE	MAX	68	74	60	72	56	56	72	50	52	65	70	80	62	56	66	75	68	70	65	65	68	48	47	60	47	45	38	44	44	53	48	59.5
	MIN	36	35	33	27	33	32	33	30	15	27	33	42	38	27	32	35	35	36		31	31	29	21	35	27	20	24	25	22	30	29	30.1
WILLISTON WB CITY	MAX	69	81	63	73	66	63	70	50	55	62	76	79	59	57	68	77	62	74	58	68	71	45	50	47	53	45	46	41	43	54	45	60.3
	MIN	43	40	45	43	43	33	45	29	19	38	33	42	35	33	38	42	37	45	37	28	36	30	33	31	28	25	34	29	23	24	30	34.5
WILLISTON EXP FARM	MAX	68	78	71	73	65	62	69	62	54	61	74	78	69	55	66	75	64	72	65	66	69	62	48	46	50	48	45	40	41	52	45	61.1
	MIN	39	36	39	36	42	28	42	29	18	36	32	40	40	27	32	36	34	37	35	23	33	30	23	33	22	20	29	26	18	20	25	31.0
WILLOW CITY	MAX	69	76	61	72	64	58	73	61	53	63	71	80	66	56	61	77	56	72	72	63	70	57	48	63	46	46	39	45	47	53	50	60.9
	MIN	28	30	37	22	32	35	29	32	13	20	26	34	33	26	32	27	32	30	50	39	27	34	10	41	31	13	11	29	17	24	22	27.9
WILTON	MAX	68	80	74	74	68	62	75	60	57	63	78	85	67	58	68	80	73	75	68	64	78	75	55	67	53	50	45	46	46	56	53	65.2
	MIN	38	38	44	32	42	31	34	31	22	31	35	45	34	30	35	37	38	37	54	34	34	33	25	42	30	30	35	26	24	32	29	34.3
WISHEK	MAX	74	81				78	81	72	55	61	80	85	76	56	67	82	70	78	75	64	74	72		71	55					54	50	70.0
	MIN	45	37		26			31	36	15	27	35	37	47	30	31	40	34	35	52	36	38	36		33	35					26	28	34.3

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
EDGELEY EXP FARM	EVAP	.16	.18	.24	.23	.22	.19	.23	.28	.16	.10	.20	.14	.25	.21	.01	.18	22	.19	.26	.24	.14	.13	.24	12	.38	.03	.08	.06	.03	.02	.05	5.17
	WIND	69	91	62	78	88	112	99	87	78	32	94	58	69	135	45	71	91	112	34	107	53	65	104	156	153	115	42	133	59	103	74	2669
RIVERDALE	EVAP	.19	.13	.20	.16	.18	.14	.19	.24	.23	.10	.15	.23	.19	.12	.23	.05	.12	.18	.25	.19	.16	.21	*	.25	.07	.09	.10	.14	.07	.10	.09	4.75
	WIND	76	88	76	108	124	191	122	149	87	101	172	57	115	167	102	108	65	129	185	201	88	112	129	294	174	91	119	209	68	114	148	3969
WILLISTON EXP FARM	EVAP	.30	.20	.28	.20	.35	.17	.26	.27	.12	.20	.10	.20	.14	.16	.16	.25	.15	.16	.21	.17	.17	.14	.08	.07	.13	.04	.12	.08	.03	.06	.02	4.99
	WIND	195	97	188	81	223	192	165	169	66	109	46	53	181	144	151	148	80	118	186	127	79	197	170	158	189	88	188	192	37	83	64	4164

Table 7

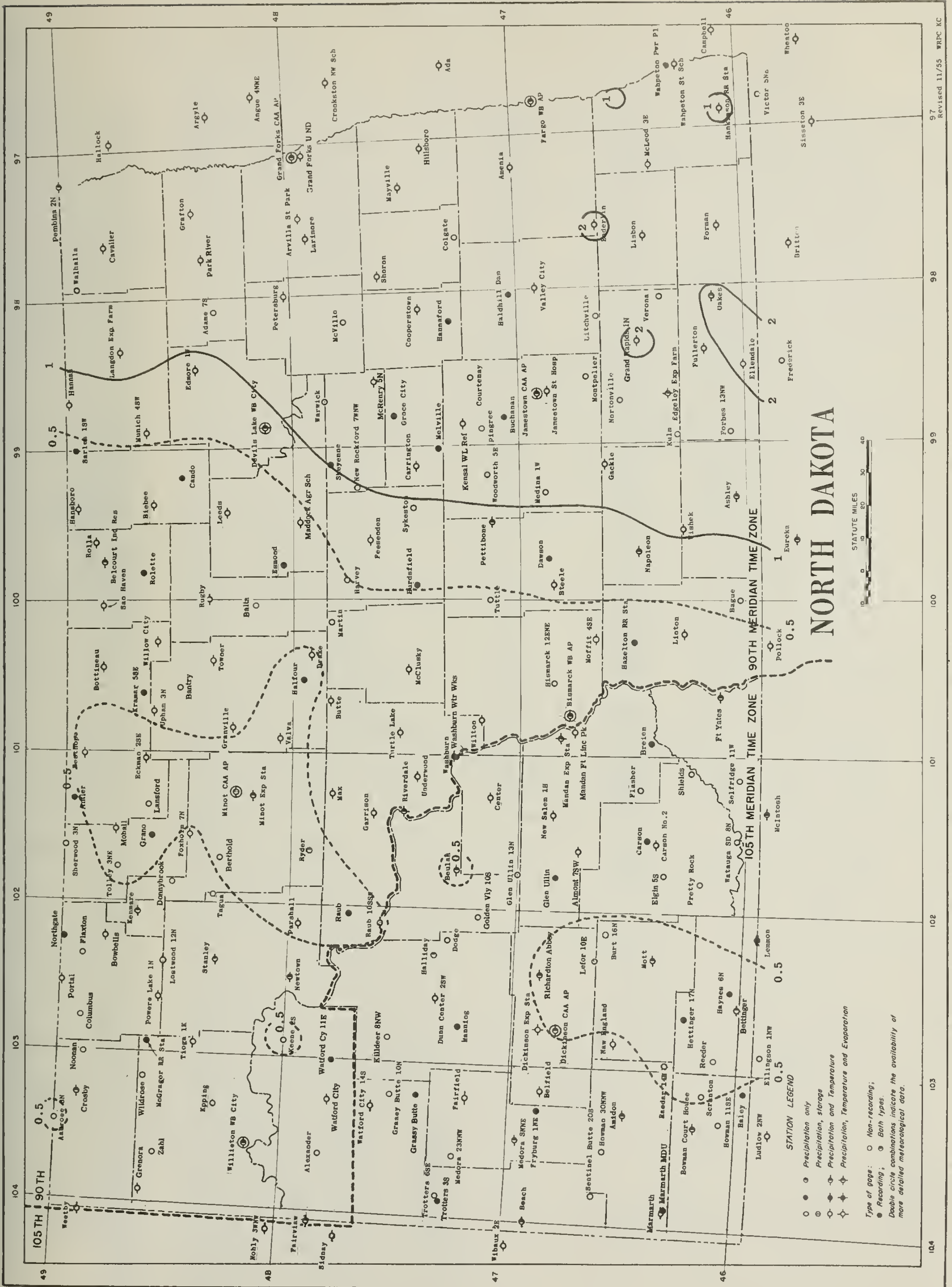
SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BOTTINEAU	SNOWFALL															T																
	SN ON GND																															
CROSBY	SNOWFALL																								T							
	SN ON GND																															
DEVILS LAKE WB CITY	SNOWFALL																											T			T	
	SN ON GND																															
HETTINGER	SNOWFALL																														0.5	
	SN ON GND																															
LANGDON EXP FARM	SNOWFALL																														0.5	
	SN ON GND																															
MAYVILLE	SNOWFALL																														T	
	SN ON GND																															
MOTT	SNOWFALL																													T		
	SN ON GND																													T		
MUNICH 4 SW	SNOWFALL																														T	
	SN ON GND																															
WILLOW CITY	SNOWFALL																											T				
	SN ON GND																															

See reference notes following Station Index.

TOTAL PRECIPITATION

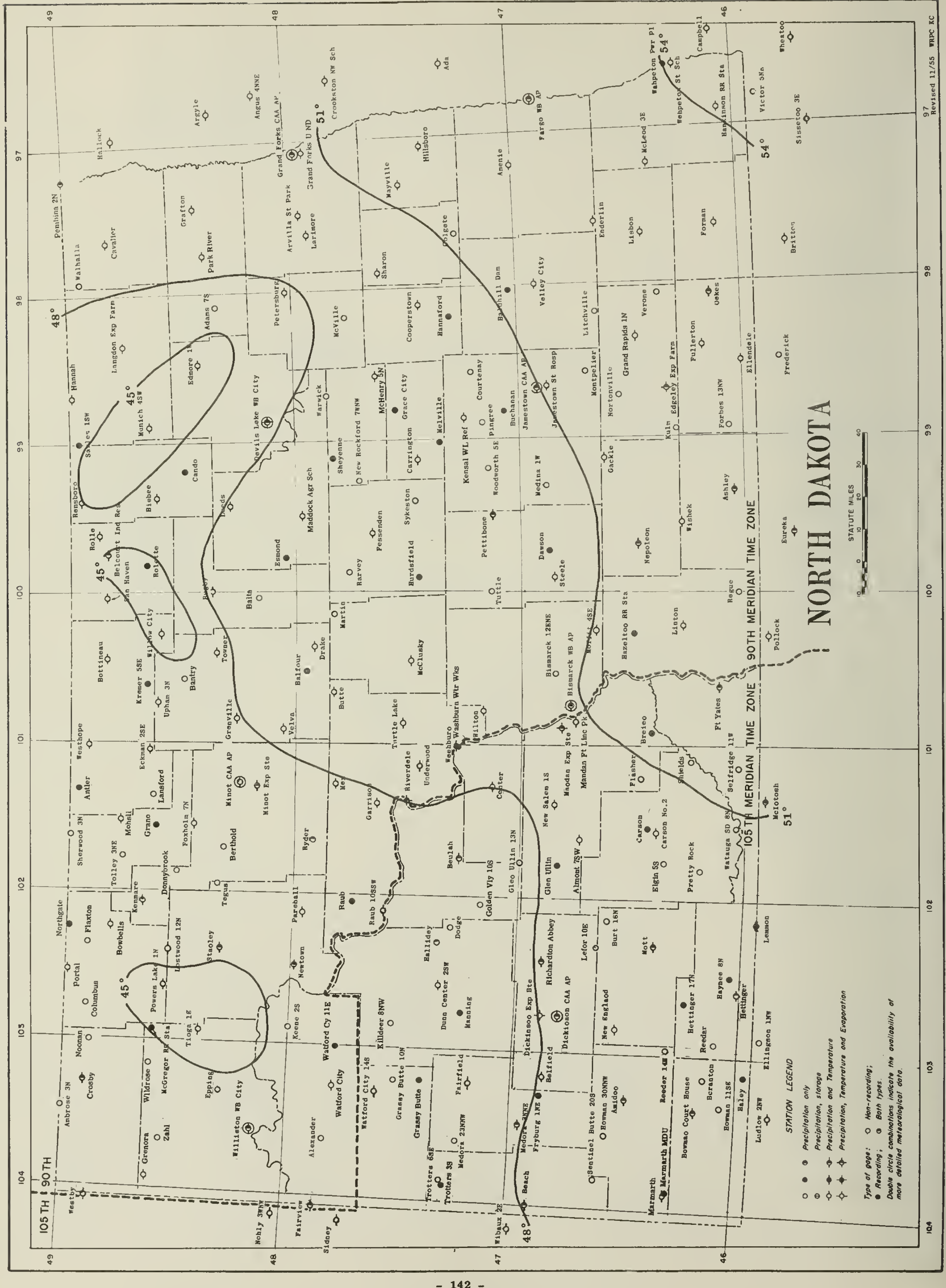
OCTOBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

OCTOBER 1956



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0095	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0169	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	880	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2810	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		M1D	W. H. Wwguer	C
Arvilla State Park	0369	Grand Forks	10	47 56	87 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		M1D	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		M1D	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0518	McHenry	12	48 30	100 36	1458		9A	Temple E. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	8A	8A	Helen Tobian	2 3 5 7 C
Belcourt Indian Res.	0828	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		8P	Joseph B. Cox	3
Beulah	0768	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0798	Towner	2	48 37	89 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0519	Burleigh	8	46 46	100 45	1850	M1D	M1D	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. H. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 WNW	1001	Slope	7	46 35	103 31	2505		5P	John S. Bannon	3
Breien	1052	Morton	1	46 24	100 56	1720		M1D	Frank H. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		M1D	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		M1D	Harry B. Barris	C
Carrington	1360	Foster	5	47 27	99 08	1588	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		M1D	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bannen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		M1D	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	M1D	M1D	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	M1D	M1D	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1969		M1D	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		8P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 59	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 28	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	88 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2685	Ransom	11	46 37	87 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		M1D	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petrynzak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	98 48	895	M1D	M1D	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 38	98 37	1620	6P	6P	Emil B. Runt	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		8P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		8P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	8P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 08	100 38	1840	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1809	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2775		M1D	David D. Brennan	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	8P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	98 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	48 49	101 49	2090		M1D	Frederick J. Anborn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		M1D	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	M1D	M1D	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	M1D	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3685	La Moure	5	48 28	98 21	1360	6P	8P	Albert J. Mess	2 3 5 7
Grano	3678	Renville	12	48 37	101 35	1825		M1D	Robert Decker	C
Granville	3886	McHenry	12	48 16	100 51	1504	7P	7P	Fred Robin	2 3 5 7
Grassy Butte	3698	McKenzie	7	47 24	103 14	2880		M1D	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crist	3
Grenora	3738	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nilson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3838	Bowman	3	45 58	103 08	2695		M1D	J. B. Crawford	C
Halliday	3846	Dunn	8	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3808	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3928	Griggs	11	47 18	98 12	1428		M1D	Helen Hanson	C
Hannah	3936	Cavalier	9	48 59	88 41	1570	8P	8P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Dinber	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		8P	Stephen Schreder	3
Haynes 6 E	4073	Adams	1	48 03	102 29	2877		M1D	P. G. Swenson	C
Hazelton R R Station	4083	Emmons	8	48 29	100 17	1878		M1D	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	8P	6P	Fred O. Porthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2810		M1D	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	8P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1815		M1D	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	48 55	88 41	1482	M1D	M1D	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	48 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 58	2348		6P	Kenneth V. Herget	3
Kenmare	4848	Ward	12	48 40	102 05	1800	8A	8A	Theo. S. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 18	88 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 6 NW	4728	Dunn	7	47 28	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 38	100 37	1457		M1D	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	88 57	1970		8P	John Stroebl	3
Langdon Exp. Farm	4855	Cavalier	8	48 45	98 20	1515	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 36	101 22	1800		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels H. Hagen	2 3 5
Leeds	5078	Benson	2	48 17	88 28	1515	8P	8P	Clarence McCormack	2 3 5
Lefor 10 E	5086	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 18	100 14	1885	8P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	48 28	97 42	1088	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	48 39	88 11	1487		8P	Melvin Rörvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1504	6P	5P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 5 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 45	100 52	1874	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	8	47 14	102 45	2219		M1D	Donald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grann	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	48 18	103 55	2710		M1D	E. B. Jestnes	C
Martin	5610	Sheridan	11	47 60	100 07	1510		5P	Elroy E. Keselnr	3
Max	5638	McLean	8	47 48	101 18	2093	8A	8A	R. H. Schafer	2 3 6 7
Mayville	5550	Traill	10	47 30	87 19	975	6P	8P	E. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 25	1943	6P	8P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	6	48 36	102 55	-		M1D	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	8H 35	1509	7P	7P	C. R. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5795	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	45 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	89 02	1625		M1D	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	M1D	M1D	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5893	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	8025	Renville	12	48 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Ranson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	88 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	98 46	1956	6P	6P	Alvin H. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	88 16	1550		6P	Richard Steinbach	3
New Salem 1 S	8365	Morton	4	46 50	101 25	2183	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1805	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1860		6P	George Kostek	3
Northgate	6535	Burke	12	48 00	102 18	1850		M1D	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1828	6P	6P	C. S. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	780	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tanguey	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		M1D	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Roltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	7A	7A	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	89 50	1625		M1D	Earl E. Siebert	C
Rolla	7664	Rolette	2	48 52	99 37	1818	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1580	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	8P	6P	N.D. State Hospital	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	89 00	1602		M1D	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7876	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		M1D	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1834		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 S	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		M1D	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8980	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		M1D	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	8	48 55	97 55	850		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		M1D	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		M1D	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1870	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	8P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	M1D	M1D	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Giesinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	8835	Williams	8	48 34	103 41	2000		6P	Ola Snvertnen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	48 28	86 47	835		6P	Reimer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 6. James H. Knife 7. Little Missouri 5. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Degree days are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 11-29-56 -- 850

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CLIMATOLOGICAL DATA

NORTH DAKOTA

NOVEMBER 1956
Volume LXV No. 11

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NORTH DAKOTA - NOVEMBER 1956

WEATHER SUMMARY

November was seasonally mild. The weather was very favorable for the care of livestock and other outdoor work. There was considerable cloudiness and more rain and snow than usual although the snowfall was not nearly so heavy as in November 1955.

The first few days of November were very mild, especially over the eastern sections of the State. Many stations in those sections registered their highest temperatures for the month on the 3d. Temperatures began dropping on the 5th and a brief cool spell lasted to the 9th. The period, 10th to 14th, was very mild. Many central and eastern stations registered their highest temperatures for the month during that period. The highest temperatures for the State, 65 degrees, occurred at Wahpeton State School on the afternoon of the 11th shortly before a cold front tumbled the temperatures into the lower 40s. Temperatures were quite changeable during the next few days but, in general, the period 14th to 22d was cooler than seasonal. Many stations registered their lowest temperatures for the month on the 22d. The coldest temperature for the State, 14 degrees below zero, occurred at Munich 4 SW on that date. The last week of the month was mild. Most daily minimum temperatures were below freezing and almost all stations registered sub-zero temperatures on one or two days. Monthly mean temperatures ranged from 22.8 degrees at Munich 4 SW to 34.1 degrees at Marmarth Monthly mean temperatures were above the long-term means at all stations except two. Monthly temperature departures ranged from -0.5 degree at Bottineau to +4.6 degrees at Park River. In general, temperature departures were slightly larger over the northeastern counties.

One to two inches of rain fell over the eastern third of the State during the first week. The south central and southwestern parts also received beneficial snowfall during that period and light snow fell over the northwest. Eastern North Dakota received snow on many days during the last half of the month. The western half received light snow flurries on several of those days. Precipitation totals ranged from 0.22 inch at Tioga to 2.99 inches at Gackle. Precipitation exceeded the long-term means at most stations. In general, the greatest excesses were over the central counties. Almost all stations received at least a few flurries of snow during the month. Snowfall was especially heavy over the north central section. Thirteen inches fell at Towner. This was more than at any other station. Very few stations received more than 10 inches of snow during November 1956. In November 1955, most stations received more than 10 inches and a few stations received more than 20 inches. There were no severe storms during November but glazed highways caused a number of automobile accidents.

The heavy snowfall during the first few days of November helped to restore the topsoil moisture. Farm work was mostly confined to chores although plowing continued in some areas. Corn picking and beet lifting was being completed. Pasture feed was short over southern North Dakota but was fair to good over the northern sections. Livestock continued in fair to good condition. The very mild weather during the last week was favorable for outdoor work and for livestock. Livestock required supplemental feeding--especially in the southwest. Feed was shipped into the southwest. Elsewhere, feed supplies were ample.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

NORTH DAKOTA
NOVEMBER 1956

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	16	13.6	42	NW	24	81	82	67	73	8	9	1	1	0	0	19	54	7.0
DEVILS LAKE WB CITY	–	–	10.3	35	NW	27	–	–	–	–	7	9	1	2	0	0	19	43	7.6
FARGO WB AIRPORT	S	17	18.8	66	N	25	82	86	70	76	10	4	1	2	0	0	17	35	7.5
WILLISTON WB CITY	–	–	8.3	27	NW	24	–	77	63	68	8	4	0	0	0	0	12	47	7.4

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation								
											No. of Days								Snow, Sleet			No. of Days	
											Max.		Min.										
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		37.2	19.4	28.3		50	13	- 3	22	1093	0	7	27	1	0.96		0.57	6	7.0	6	6	3	1	0
CROSBY		39.4	17.1	28.3	2.5	55	10	- 4	22	1096	0	6	30	1	0.44	0.04	0.16	2		2	6+	2	0	0
FOXHOLM 7 N		39.7	20.0	29.9	3.3	48	13	- 3	22	1048	0	2	28	1	0.77	0.20	0.32	5	4.0	3	5+	3	0	0
GRENORA		41.7	21.1	31.4		58	10	1	22	1002	0	2	25	0	0.45		0.35	1	T	0		2	0	0
KENMARE	AM	37.4M	18.8	28.1M		53	1	- 2	22	1101	0	7	30	1	0.75	0.22	0.45	6				3	0	0
LOSTWOOD 12 N		38.6M	18.4M	28.5M		49	10			1094	0	3		1	1.19		0.37	5				4	0	0
MINOT CAA AP		37.1	20.5	28.8		48	24+	- 1	22	1077	0	8	28	1	0.80		0.33	3	4.0	3	6+	2	0	0
MINOT EXP STATION	AM	36.1	19.8	28.0		51	1	- 1	22	1105	0	10	28	1	1.20		0.64	6	6.7	6	6	4	1	0
MOHALL		36.7	18.3	27.5	2.0	45	30	- 5	22	1117	0	6	28	1	0.91	0.33	0.48	5		3	5+	3	0	0
NEWTOWN		40.2	19.9	30.1	3.5	58	10	- 3	22	1038	0	3	27	1	0.37	- 0.23	0.17	6		1	17	2	0	0
PARSHALL		39.2	19.5	29.4		55	10	- 5	22	1060	0	4	27	1	0.70	0.21	0.25	6	3.5	3	6	3	0	0
PORTAL	AM	36.6M	16.4M	26.5M	2.0	49	1+	- 7	22	1156	0	9	30	1	0.52	0.05	0.29	6	3.7	3	6	2	0	0
POWERS LAKE 1 N		36.8	15.5M	26.2M		50	10	-12	22	1161	0	6	30	2	0.46		0.25	5	2.5	3	6+	1	0	0
STANLEY		38.3	19.2	28.8		52	10	- 5	22	1080	0	4	28	1	0.70		0.28	6	3.0	3	5	2	0	0
TIOGA 1 E	AM	36.7	16.3	26.5		54	11	- 8	22	1141	0	8	30	1	0.22		0.09	23	T	0		0	0	0
WILLISTON WB CITY	R //	41.5	22.7	32.1	3.8	59	10	6	22	981	0	3	26	0	0.27	- 0.31	0.09	22	0.2	T	3+	0	0	0
WILLISTON EXP FARM		40.6M	19.7M	30.2M		58	10			1038	0	5	29		0.31		0.20	1	T	0		2	0	0
DIVISION				28.7	2.7										0.65	0.15			2.9					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		34.5	16.4	25.5		51	10	-10	22	1179	0	11	28	2	0.92		0.48	5	4.0	3	22+	2	0	0
BOTTINEAU	AM	32.0	14.5	23.3	- 0.5	50	1	- 9	22	1246	0	14	28	3	1.20	0.81	0.72	6	10.5	7	6+	4	1	0
DRAKE	AM	35.8M	19.3M	27.6M	1.6	53	1+	- 3	22	1113	0	12		1	1.86	1.23	0.81	6				4	2	0
ECKMAN 2 SE	AM	36.1	17.0	26.6	2.4	53	1	- 7	22	1146	0	10	29	1	0.80		0.53	6				2	1	0
GRANVILLE		38.6	21.3	30.0	3.5	49	3	6	28	1044	0	5	27	0	1.04	0.53	0.50	5	7.0	4	6+	3	1	0
LEEDS		35.3	19.1	27.2		50	3	- 7	22	1126	0	8	26	1	1.93		0.66	5				6	1	0
MADDOCK AGR SCHOOL		36.9	20.2	28.6	2.9	53	3	- 4	22	1085	0	6	25	1	1.40	0.90	0.41	3				4	0	0
ROLLA		34.5	18.1	26.3		52	10	- 6	22	1151	0	11	27	1	1.33		0.53	5		1	5+	3	1	0
RUGBY		36.4	19.5	28.0		48	3+	- 8	22	1106	0	7	23	1	1.27	0.74	0.41	5		4	5	4	0	0
SAN HAVEN		34.7	18.8	26.8	2.8	49	10	- 4	22	1136	0	13	27	1	0.94	0.51	0.57	5	5.2	3	5+	2	1	0
TOWNER		38.4M	20.1M	29.3M	3.7	48	1+			1063	0	5	28	0	1.32	0.69	0.70	5	13.0			3	1	0
UPHAM 3 N		37.5	18.5	28.0		48	13	- 6	22	1106	0	5	28	1	0.95		0.49	5		3	6+	2	0	0
VELVA		39.4	20.8	30.1	2.8	50	24	0	22	1039	0	5	29	1	1.47	0.78	0.61	3	5.5	4	5	4	2	0
WESTHOPE		34.2	16.8	25.5	1.2	43	4+	- 7	22	1176	0	11	29	1	0.69		0.62	5	7.0			1	1	0
WILLOW CITY		35.2	15.2	25.2	1.3	47	3+	-10	22	1188	0	8	27	1	0.78	0.24	0.40	5		3	5	2	0	0
DIVISION				27.2	2.1										1.19	0.63			7.5					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		38.9	18.6	28.8		57	3	-11	23	1077	0	6	24	2	1.39		0.83	5	T	0		3	1	0
BISBEE		34.6	19.1	26.9		48	3+	- 5	22	1139	0	12	25	1	1.39		0.58	5	1.4	1	17+	4	1	0
CAVALIER		38.7	20.6	29.7		55	4	- 2	23	1052	0	7	23	2	1.72		1.03	5		1	7	4	1	1
DEVILS LAKE WB CITY	R //	34.9	19.9	27.4	2.3	53	3	- 4	22	1121	0	10	24	1	1.80	1.13	0.71	5	4.2	3	22+	3	2	0
EDMORE 1 W		35.5	16.4	26.0		50	3	- 4	16+	1166	0	9	29	3	1.29		0.54	5	2.0			4	1	0
GRAFTON		38.8	20.8	29.8	3.4	58	3	- 2	22	1047	0	7	22	1	1.39	0.49	1.00	5	1.0	0		3	1	1
GRAND FORKS CAA AP	R	37.6	20.7	29.2		59	3	- 2	22	1069	0	8	23	2	1.36		0.84	5	T	T	19+	2	1	0
GRAND FORKS UNIVERSITY		38.0	21.3	29.7	3.7	59	3	- 1	23	1055	0	8	23	2	1.40	0.48	1.02	5	T	0		2	1	1
HANNAH		35.7M	20.1M	27.9M						1108	0				1.49	0.79	0.78	5		T	7+	3	1	0
HANSBORO		35.4M	17.3M	26.4M	2.7	48	4+			1169	0				0.89	0.37	0.59	5	1.5	1	20+	2	1	0
LANGDON EXP FARM		35.2	18.1	26.7	3.9	49	4	- 8	23	1145	0	10	26	3	1.65	0.90	0.67	5	3.4	2	22+	5	1	0
LARIMORE		39.7	20.7	30.2	3.7	58	3	- 5	28	1037	0	4	23	2	1.45	0.67	1.10	5	T	0		3	1	1
MC VILLE		37.0	19.8	28.4		57	3	- 8	23	1091	0	7	25	2					2.0					
MUNICH 4 SW		33.1	12.4	22.8		48	4	-14	22	1258	0	13	30	4	1.62		0.77	5		2	18+	4	1	0
PARK RIVER		38.8	21.5	30.2	4.6	58	3	- 3	23	1037	0	7	22	2	1.14	0.51	0.71	5		1	18	3	1	0
PEMBINA 2 N		40.0M	20.0	30.0M		57	3+	- 5	22	1029	0	8	23	2	0.53	- 0.19	0.15	4	T	0		3	0	0
PETERSBURG		36.2	20.0	28.1		54	3	- 4	23	1100	0	10	23	2	1.48	0.91	0.67	5	0.3	T	15+	4	1	0
DIVISION				28.1	3.2										1.37	0.65			1.2					
WEST CENTRAL DIVISION																								
BEULAH	AM	40.2	16.7M	28.5M		57	11	- 1	22	1110	0	5		1	0.94		0.48	3	0.0	0		2	0	0
BUTTE	AM	37.3	19.7	28.5		53	4	- 2	22	1088	0	9	28	1	0.77		0.55	3	3.0	3	6+	2	1	0
CENTER		40.3	19.1	29.7		55	10	4	16	1051	0	3	29	0	1.57		0.60	3		4	6	4	1	0
DUNN CENTER 2 SW	AM	39.1	21.0	30.1	2.3	56	11	3	22	1040	0	6	30	0	0.60	0.14	0.22	3+		3	18	2	0	0
GARRISON	AM	37.5	19.9	28.7	1.7	50	1+	- 1	22	1082	0	9	30	1	0.94	0.32		6		3	6+	4	0	0
MAX	AM	35.5	18.2	26.9	1.5	49	1	- 3	22	1133	0	10	30	1	1.30	0.71	0.85	6	11.2	9	6	3	1	0
RAUB 10 SSW		41.9M	23.2M	32.6M		57	10	0	22	946	0			1	0.32		0.20	6				1	0	0
RIVERDALE	AM	38.3	20.1	29.2		54	11	3	22	1068	0	6	29	0	1.03		0.50	6	5.5	2	6	3	1	0

See reference notes following Station Index.

Station	Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
TURTLE LAKE	38.3	18.7	28.5		53	3	- 2	22	1087	0	5	29	1	1.36		0.53	5				4	1	0
UNDERWOOD AM	36.9	18.1	27.5		52	1	0	22	1118	0	8	30	1	1.37		0.65	6		4	6+	3	1	0
WASHBURN	40.8	23.0M	31.9M	3.0	55	3			990	0	4		0	2.13	1.64	1.00	2		3	6	6	1	1
WATFORD CITY	41.7	20.6	31.2	2.2	59	10	- 1	15+	1008	0	3	25	2	0.52	- 0.04	0.18	1	0.5	0		3	0	0
WATFORD CITY 14 S	44.7	21.4	33.1		61	10	- 1	22	950	0	1	25	1	0.53		0.27	1	T	T	6+	2	0	0
WILTON	39.2	18.6	28.9		52	3	0	22	1077	0	5	29	1	1.31		0.80	5				4	1	0
DIVISION			29.7	2.5										1.05	0.50			3.4					
CENTRAL DIVISION																							
CARRINGTON AM	35.4	17.7	26.6	0.8	57	4	- 3	22	1145	0	9	28	2	2.59	2.01	1.35	3		1	6+	4	2	1
FESSENDEN	38.8M	20.4	29.6M	3.4	55	3	- 2	22	1049	0	4	25	1	2.38	1.70	0.90	2		4	5	4	3	0
JAMESTOWN CAA AP R //	38.4	20.2	29.3		58	3	0	22	1065	0	6	25	1	2.39		1.56	2	2.6	2	23+	4	1	1
JAMESTOWN STATE HOSP	39.9	21.7	30.8	2.8	57	3	- 1	21	1017	0	5	22	1	1.77	1.10	0.93	2				3	1	0
KENSAL WILDLIFE REFUGE	40.1	20.9	30.5		59	3	- 1	22	1028	0	5	25	1	2.45		1.10	2	2.0	2	22	3	3	1
MC CLUSKY	37.2	18.5M	27.9M	0.9	53	3	- 4	22	1106	0	7	29	1	1.83	1.18	0.65	2	9.5	2	22+	5	2	0
MC HENRY 5 N	37.4	19.7M	28.6M		57	3	- 6	22	1082	0	7	26	1	1.48		0.63	2	1.9	2	23	3	2	0
PETTIBONE	37.7	18.5	28.1	1.7	56	3	- 5	22	1099	0	7	28	1	2.63	2.13	0.95	5		1	2+	5	3	0
STEELE	40.3	18.1	29.2	1.8	60	3	- 2	22	1067	0	5	30	1	2.22	1.77	0.90	2	8.5	2	5+	4	2	0
DIVISION			29.0	2.3										2.19	1.60			4.9					
EAST CENTRAL DIVISION																							
AMENIA	40.2	22.3	31.3		62	3	- 2	23	1005	0	5	24	1	1.32		0.65	5	T	T	14+	3	1	0
COOPERSTOWN	38.2	20.5	29.4		57	3	- 4	23	1061	0	5	24	2	1.43	0.78	0.64	5	0.3	T	14+	4	1	0
FARGO WB AP R //	38.7	22.4	30.6	3.0	62	3	- 2	23	1025	0	9	23	1	1.60	0.73	0.71	5	0.5	T	14+	3	2	0
HILLSBORO	39.9	22.1	31.0	3.7	62	3	0	23	1015	0	6	24	1	1.87	1.11	1.06	5	T	0		4	1	1
MAYVILLE	38.9	23.2	31.1	3.4	61	3	1	23	1010	0	6	22	0	1.63	0.99	0.84	5	0.2	0		3	1	0
SHARON	37.4	19.8	28.6	2.8	58	3	- 4	22	1084	0	7	25	2	1.51	0.77	0.80	5	0.5	1	22+	4	1	0
VALLEY CITY	41.1M	23.4M	32.3M	3.7	59	3+	0	22	962	0	4	22	1	1.69	0.95	0.97	3				3	1	0
DIVISION			30.6	3.4										1.58	0.88			0.3					
SOUTHWEST DIVISION																							
AMIDON AM	40.5	21.3	30.9		55	11	7	15	1018	0	6	29	0	0.41		0.38	3	3.0	3	3	1	0	0
BEACH AM	40.3	20.6	30.5		62	11	8	15+	1028	0	5	30	0	0.74		0.27	4	3.7	1	1+	3	0	0
BELFIELD	40.0	20.1	30.1		62	10	4	15+	1043	0	4	30	0	0.40		0.10	6	1.0	1	6+	1	0	0
BOWMAN COURT HOUSE	40.9M	19.5M	30.2M	0.2	57	10	3	15	1037	0	4	27	0	0.63		0.60	3	2.5	3	3	1	1	0
DICKINSON CAA AP R //	40.3	21.2	30.8		61	10	4	21	1022	0	5	28	0	0.66		0.26	3	1.5	2	3	3	0	0
DICKINSON EXP STATION AM	41.1	20.5	30.8	2.9	62	11	4	22	1022	0	5	30	0	0.50	- 0.05	0.45	3		2	3	1	0	0
FAIRFIELD	39.0	20.1	29.6		59	10	5	15+	1055	0	8	27	0	0.39		0.23	3	0.5	1	18+	1	0	0
HETTINGER	40.1M	20.9M	30.5M	- 0.3	53	10			1028	0	5	28	0	0.98	0.62	0.62	2	3.0	3	3	2	1	0
MARMARTH	43.1M	25.0M	34.1M	4.0	58	10				0		25	0	0.27	- 0.18	0.23	3	6.0	4	3	1	0	0
MEDORA 3 NNE	44.1	20.4	32.3		64	10	- 2	22	978	0	2	24	1	0.43		0.32	3	1.4	T	19+	1	0	0
MOTT	42.1	19.9	31.0	1.1	59	10	0	22	1014	0	3	28	1	1.14	0.70	1.10	2	4.4	4	2	1	1	1
NEW ENGLAND	41.4M	21.0M	31.2M	1.0	58	10	6	15	1007	0	3	29	0	1.07	0.55	1.02	3	4.0	4	3	1	1	1
RICHARDTON ABBEY AM	39.3	21.3	30.3	0.7	59	11	4	22	1033	0	6	29	0	1.01	0.19	0.82	3	4.9	3	3	2	1	0
DIVISION			30.9	1.2										0.66	0.17			3.0					
SOUTH CENTRAL DIVISION																							
ALMONT 7 SW	40.8M	23.2M	32.0M		61	10	5	22	994	0	3	27	0	0.83		0.45	3	4.2	3	2	3	0	0
BISMARCK WB AP R //	39.9	20.8	30.4	2.0	55	3+	3	22	1032	0	6	25	0	1.43	0.90	0.72	2	5.4	1	5+	2	1	0
CARSON NO 2 AM	39.6M	19.9M	29.8M	0.5	60	11	3	23	1066	0	6		0	1.62	1.07	1.43	3		2	3	2	1	1
FORT YATES AM										0				1.35	0.99	1.35	3				1	1	1
LINTON	42.8	19.5	31.2	1.9	60	10	0	22	1008	0	1	28	1	1.83	1.43	0.96	2		2	5+	4	1	0
MANDAN EXP STATION AM	40.2	21.1	30.7	2.4	58	11	1	22	1023	0	6	27	0	1.47	0.88	0.88	3	2.9	2	6	3	1	0
MANDAN FT LINCOLN PARK	42.3	18.6M	30.5M		57	10	- 1	22	1029	0	2	29	1	1.66		0.51	3	3.0	1	2+	5	1	0
MOFFIT 4 SE	41.1	19.8	30.5		55	3	0	22	1031	0	2	27	1	1.88		0.97	2	4.0	1	2+	4	1	0
NEW SALEM 1 S	40.8M	21.2	31.0M	2.2	58	10	1	22	1002	0	3	27	0	1.18	0.71	0.52	2	4.2	3	2	5	1	0
DIVISION			30.8	1.4										1.47	0.97			4.0					
SOUTHEAST DIVISION																							
ASHLEY	39.9	19.7	29.8	1.7	57	13	0	16+	1048	0	4	28	2	1.91	1.49	1.22	2	2.5	1	2	3	1	1
EDGELEY EXP FARM AM	38.9M	19.6	29.3M	1.3	56	4+	0	16	1075	0	9	27	1	2.44	1.98	1.25	3		2	23	5	2	1
ELLENDALE	41.6	22.2	31.9	2.6	58	13	2	16+	987	0	3	24	0	2.21	1.58	1.05	2	4.0	2	15+	5	1	1
ENDERLIN AM	38.5	19.6	29.1		60	4	- 3	23+	1073	0	9	25	2	1.33		0.41	3+				4	0	0
FORMAN	40.5	21.4	31.0		64	11	- 2	16	1018	0	6	24	1	1.22	0.58	0.45	5	1.5			6	0	0
FULLERTON	41.0	21.4	31.2	1.8	56	10	1	16+	1006	0	3	26	0	2.80	1.94	0.92	2	5.8	2	14+	6	2	0
GACKLE	38.3	21.0	29.7		54	3	- 1	22	1054	0	8	27	1	D 2.99		1.21	2	1.0	1	23	4	3	2
GRAND RAPIDS 1 N	41.6	20.7	31.2		58	3	- 1	22	1008	0	4	25	2	2.12		0.90	2	4.0	2	14+	5	2	0
HANKINSON R R STATION AM	38.5	20.9	29.7	1.0	60	4	0	23+	1050	0	9	25	2	1.27	0.58	0.63	5		0		4	1	0
LISBON	39.9	21.2	30.6	1.6	58	3	1	22	1025	0	8	27	0	1.40	0.73	0.47	3		1	23	5	0	0
MC LEOD 3 E	40.3	22.1M	31.2M	2.0	60	3+	- 5	23	1009	0	6	24	1	1.56	0.86	0.88	5	0.5			4	1	0
NAPOLEON	40.0	20.5	30.3	2.5	54	4	0	16+	1037	0	4	26	2	1.91	1.28	1.03	2		1	20+	3	1	1
OAKES AM	38.4	19.0	28.7	0.1	57	4	0	16	1082	0	10	26	1	1.77	1.14	0.71	3		2	15+	5	1	0
WAHPETON STATE SCHOOL	41.7	22.9	32.3	2.2	65	11	- 2	23	976	0	6	23	1	1.79	1.08	1.12	5		1	15+	3	1	1
WISHEK										0													
DIVISION			30.4	1.7										1.91	1.30			2.8					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	1.66		.01	.06	.35	1.05	T	T							.12	.03						.02		.02					T			.
ADAMS 7 S	2.43		.97	.13	.15	.95	.10								.02							.03			.04		.04					.
ALEXANDER	.35	.10		.08				.08							.02			.03		.02				.02								.
ALMONT 7 SW	.83		.13	.45		.05	.05									T		T			T	T	.12	.03				T	T			.
AMBROSE 3 N	.57	.11		.15			.21									T		T	T	.03	T	T	.07					T				.
AMENIA	1.32	.01	.07	.21	.30	.65	.05								.01									.02								.
AMIDON	.41			.38				T							T	.03	T			T		T	T	T				T				.
ARVILLA STATE PARK	1.39		.07	.10	.31	.83	.05	.02														T		.01				T				.
ASHLEY	1.91	T	1.22	.19		.30	.03								.08								.09									.
BALTA	1.61	T	.20	.47		.60	.14	.02								T	T	T	.06		.03	T	.07					.02				.
BANTRY	1.14			.10	.15		.80									T				.04	T			.05								.
BEACH	.74	.23		.13	.27			.04							.02	.01		T	.03	T		.01		T					T			.
BELCOURT INDIAN RES	.92	T	.05	.20		.48	.03								T	T			.08	T	.01	.02	.05					T	T			.
BELFIELD	.40		.06	T	T	T	.10	.04							.04	T		.06	T	T	T	T	.07	.03				T	T			.
BERTHOLD	.71		.01	.27	T	.30	.03								.02			T	T	T	T		.06					.02				.
BEULAH	.94			.48			.35	T								T			.09			T		T					.02			.
BISBEE	1.39	.17	.20	.23		.58	.05								T			.07			T	.02	.07					T				.
BISMARCK WB AP R//	1.43		.72	.05		.47	.02	T		T				.01	.02	T	T	.02	T	T	.01	T	.08	.02				T	.01			.
BISMARCK 12 ENE	1.41						.51	T							T									.09	.11	.70						.
BOTTINEAU	1.20		.01	.12			.72	T			.01				T	T		T	.11	T		.13	T	.07					.03			.
BOWBELLS	.96			.17		.07	.57											T	T	T	T	T	.15					T	T			.
BOWMAN COURT HOUSE	.63		T	.60											.03																	.
BOWMAN 11 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
BOWMAN 30 NNW	.71			.69											.02					T	T											.
BURT 16 N	.70			.60																			.10									.
BUTTE	.77			.55	T	T	.22	T							T	T						T		T					T			.
CARRINGTON	2.59		.15	1.35	.06	.35	.50	.02							.05	T			.02			.02		.06					.01			.
CARSON NO 2	1.62			1.43																				.19				T				.
CAVALIER	1.72		.20	.06	.09	1.03	.14	.10				T	.01		T	T			.02	.02	.03	.02						T	T			.
CENTER	1.57		.38	.60			.39								T			.05					.15					T				.
COLGATE	1.46		.11	.33	.34	.66	.01								.01	T							T									.
COLUMBUS	.61	.12		.13	T	.09	.20								.02							.02	.03									.
COOPERSTOWN	1.43	T	.28	.25	.18	.64	T	T							T	T			T		T	T	.08						T			.
COURTENAY	1.44		.65	.20		.47	.02								T					T	T	.10							T			.
CROSBY	.44		.16	.15		T	.05							.02	T			.01	T	.01	T		.04					T				.
DEVILS LAKE WB CITY R//	1.80	T	.62	.04	.01	.71	.06	T							.03	T	T	.10	.02	.02	.09	T	.08			T		.02	T			.
DICKINSON CAA AP R//	.66	T	.17	.26	T		T	T						T	.03	T		.20	T	T	T	T	T					T	T			.
DICKINSON EXP STATION	.50			.45	.05	T		T							T	T			T	T	T	T	T	T					T			.
DONNYBROOK	.61			.16		.45	T								T			T			T							T				.
DRAKE	1.86	T	T	.65	.11	T	.81	T							.02			T		.13		.06		.08					T	T		.
DUNN CENTER 2 SW	.60	.01	.01	.22	T		.02	.03								.01			.22	T				.08					T			.
ECKMAN 2 SE	.80			.06	.10		.53	T							T	T			.02	T	.03			.06					T			.
EDGELEY EXP FARM	2.44		.61	1.25		.25	.15							.04	.02			T						.12					T			.
EDMORE 1 W	1.29		.22	.08	.25	.54	.06																.14		T							.
ELGIN 5 S	1.06		.69	.30				T						T	T			T	T		T	T	.07						T			.
ELLENDALE	2.21		1.05	.37	T	.40	.03								.15	.05				T	T	T	.16	T				T	T			.
ENDERLIN	1.33		.10	.41	.22	.41	.06	T							.03	.04						T		.06					T			.
EPPING	.73	.16		.24	T		.11								T			.04	T	.01	.01		.15					.01				.
FAIRFIELD	.39	.02	T	.23	T	T	T	T							T			.05	.05	T	T		.04						T			.
FARGO WB AP R//	1.60	T	T	.24	.54	.71	.04	T							.02	T	T				T	.03	.02		T	T		T	T			.
FESSENDEN	2.38	T	.90	.57		.75	.04									.02							.10									.
FLASHER	1.10			.87			.12								.03									.08								.
FLAXTON	.63	.03	T	.07	T	.23	.15	T				T			.01	T	T	.01	T	.04	T	T	.08	.01			T	T				.
FORBES 13 NW	2.81	1.85	.43			.30	T	T							.11	T						T	.12						T			.
FORMAN	1.22		.14	.13	.12	.45	T	T							.17	.09								.12								.
FORT YATES	1.35			1.35																				T	T							.
FOXHOLM 7 N	.77			.21		.32	.18								T			T		T			.06	T								.
FULLERTON	2.80		.92	.73		.42	.24								.27	T							.20						.02			.
GACKLE	02.99		1.21	1.01		.63									.04	T	T	T			T			D.10			T					.
GARRISON	.94			.24			.44	T							T	T			.10	T	T	T	T	.16					T			.
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
GOLDEN VALLEY 10 S	.69	T	.05	.20		.30	T								T			.10	.04	T	T											.
GRAFTON	1.39		.05	.03	.12	1.00	.11	.03							T	T	T	T	.03		T								.02			.
GRAND FORKS CAA AP R	1.36	T	.01	.06	.40	.84	.05	T							T	T		T	T	T	T	T				T		T	T			.
GRAND FORKS UNIVERSITY	1.40	T	.07	.09	.16	1.02	.06	T									T		T	T	T	T						T	T			.
GRAND RAPIDS 1 N	2.12		.90	.54		.40	.08								.10								.10						T			.
GRANVILLE	1.04	T	.04	.22		.50	.18	T							T	T		T		T	.04	T	.06	T				T				.
GRASSY BUTTE 10 N	1.27			.30															.47				.50									.
GRENORA	.45	.35					T														T		.10									.
HAGUE	1.93		1.15	.12	.43	T		T							.16								.07					T	T			.
HALLIDAY	-	-	-	-	-	-	-	-								T	T	.13		T	T		.08					T				.
HANKINSON R R STATION	1.27		.03	.13	.23	.63		T							.04	.12						.04		.05								.
HANNAH	1.49	.04	.21	.08	.22	.78	.07	T													.08	T	T	T				T	.01			.
HANSBORO	.89		.05	.19	T	.59	.02								T	T			T	T	.02	T	.02						T			.
HARVEY	2.26		.66	.55		.69												.36														.
HETTINGER	.98		.62	.33				T						T	.03													T				.
HILLSBORO	1.87	T	.05	.30	.28	1.06	.16	.02							T	T			T	T		T	T			T		T	T			.
JAMESTOWN CAA AP R//	2.39	T	1.56	.20	.09	.28	T	T						T	.01	.02	T	T	T	T	T	.02	.18	T		T		.03	T			.
JAMESTOWN STATE HOSP	1.77		.93	.42		.36									T			T			T	.06	T					T				.
KEENE 2 S	.69	.18		.20			.14											.06					.01	.03	.07					T		.
KENMARE	.75	T	T	T	.16	T	.45								T	.01				.02				.10					.01			.
KENSAL WILDLIFE REFUGE	2.45		1.10	.64		.62	T								T	T					T	.03	.06									.
KILLDEER 8 NW	1.15			.42														T	.40	.03			.30									.
KULM	2.63		1.40	.76		.37	T								.05								.01	.04								.
LANGDON EXP FARM	1.65	.01	.24	.12	.23	.67	.13	.05							.01	.04		T	T	.02	.01	.05	.06					T	.01	T		.
LANSFORD	1.05			.14		.49	.24	T							T		T		.02	T	T		.16						T			.
LARIMORE	1.45		.10	.20		1.10	.05	T						T	T							T	T						T			.
LEEDS	1.93		.41	.43	.10	.66	.15												.06				.12									.
LEFOR 10 E	.89		.14	.62				.02						T	.01					T	T		.10					T	T			.
LINTON	1.83		.96	.16		.46	.06	T							.07	T		T			T	T	.12					T	T			.
LISBON	1.40		.13	.47	.18	.45	.03								.04								T	.10								.
LITCHVILLE	1.70		.50	.52		.54	.02								.06							T	.06	T								.
LOSTWOOD 12 N	1.19	.05				.37									.25	.20				.30		T		.02	T			T	T	T	T	.
MADDOCK AGR SCHOOL	1.40	.02	.37	.41		.35	.12								T	T		T	T		T	.05	.08					T				.
MANDAN EXP STATION	1.47			.88		T	.48								T	T			T				T	.11					T			.
MANDAN FT LINCOLN PARK	1.66		.47	.51		.34	.16	.02							.02			.02	T		T	T	.12	T					T			.
MARMARTH	.27	.04		.23													T				T	T										.
MARTIN	1.31		.40	.67			.13														.04		.07	T								.
MAX	1.30			.25			.85								T	T			.05	T		T		.15					T			.
MAYVILLE	1.63	.01	.03	.33	.30	.84	.09	.02							.01	T	T		T			T						T	T	T		.
MC CLUSKY	1.83	.06	.65	.20		.53									.10			.04	.06		.05	.03	.11									.
MC HENRY 5 N	1.48		.63	.16		.51	.03								.01	T			T		.02	.05	.04	.03				T				.
MC LEOD 3 E	1.56		.07	.15	.24	.88		.04							.15							.03							T			.
MC VILLE	-	T	.34	.14	.20	-	.04	T							T				T	T		T	.06									.
MEDINA	2.50		1.25	.42		.60	.09	.14																								.
MEDORA 3 NNE	.43	.05	T	.32				T							.01		T	.03	T	T	T		.02									.
MEDORA 23 NNW	.37	.22																.05						.10								.
MINOT CAA AP	.80	T	.04	.33		.32	.02							T	T	T	T	T	T	T	T	T	.08	T				T	.01			.
MINOT EXP STATION	1.20		T	.22	.20		.64									.01	T		T	T		T		.12					.01			.
MOFFIT 4 SE	1.88	T	.97	.29		.30	.16			T					.08	T		T	T		T	T	.08	T					T			.
MOHALL	.91		T	.08		.48	.21							T	T	T		.04	T	T	T		.10	T					T			.
MONTPELIER	2.41		1.18	.62		.43	.02	T							.07	T					T	.01	.06	.02					T			.
MOTT	1.14		1.10	T											T								.04									.
MUNICH 4 SW	1.62		.11	.23	.20	.77	.08								.04	.03			.03		.02	.02	.05					.02	.02			.
NAPOLEON	1.91		1.03	.24		.29	.05	.08							.07						.02	T	.09	.02					.02			.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	1.07		T	1.02										T	.05						T	T										
NEW ROCKFORD 7 WNW	2.10		.81	.62		.37										T			.09		.21											
NEW SALEM 1 S	1.18		.52	.10		.30	.10	T							T	.03		T	T	T	T	T	.10	.03				T	T			
NEWTOWN	.37		T	T		.04	.17	T										.05	T		T		.11	T								
NOONAN	.79	.18		.17	T	.10	.25							-					T	.09												
NORTONVILLE	2.25		1.40			.81									.04	T						T	T									
OAKES	1.77	T	.10	.71		.48	.09	T							.04	.17						T	T	.17					.01	T		
PARK RIVER	1.14		.16	.04	.11	.71	.05	.04							.01	T	T	T	.02	T	T		T	T				T	T			
PARSHALL	.70	T	T	.07	T	.16	.25									T		.05	T	T	.05	.01	.10	.01				T	T			
PEMBINA 2 N	.53		.07	.03	.15	.14		.11			.03					T		T														
PETERSBURG	1.48		.31	.12	.30	.67	.04									.01					.03								T			
PETTIBONE	2.63		.90	.55		.95	.10								T				T		T	T	.13						T			
PINGREE	2.47		1.30	.64		.30	T								T	.05						.10	.08						T			
PORTAL	.52	.11	T	.01	.04		.29								T		T		T	.07		T	T	T								
POWERS LAKE 1 N	.46	.03		.05		.25	.05	T							T			.01	.02	T	.02	.02	.01									
PRETTY ROCK	1.34		•	1.20			T							.08	T								.06									
RAUB 10 SSW	.32			T			.20	T											.08				.04									
REEDER	.88		.40	.45											.03																	
REEDER 14 N	.85		T	.85	T											T																
RICHARDTON ABBEY	1.01		T	.82	T		T	.04	T						T	T			.02	T		T	T	.11					.02	T		
RIVERDALE	1.03		T	.28	T		.50	T			T				T	T	T		.08	.05	T	T	T	T	.12				T	T		
ROLLA	1.33	T	.27	.24	.02	.53	.02	T								T	.T	.01	.05		.04	.08	.07				T	T	T			
RUGBY	1.27		.14	.35		.41	.18	T							.03			T	.04	.02	.02		.07	.01					T			
RYDER	1.11			.36			.55											.11				T	.09	T				T	T			
SAN HAVEN	.94		.02	.13	T	.57	.04								T				.07	T	.07	T	.02					T	.02			
SCRANTON	.62		T	.62	T		T	T							T				T	T	T											
SELFRIDGE 11 W	1.75		1.45											.15									.10	.05								
SENTINEL BUTTE 20 S	.55	T	T	.55											T					T												
SHARON	1.51	T	.15	.25	.28	.80	T	T							T	T					T	.02	.01						T			
SHERWOOD 3 N	.79	T		.01		.55	.15								.03	T	T	.01	T	.02			.02									
SHIELDS	1.81		1.00	.40		.09									.18								.09	.05								
STANLEY	.70			.05		.24	.28								T			.03		T	.04		.06	T								
STEELE	2.22		.90	.48	T	.55	.05	T							T	T					.04	T	.20						T			
SYKESTON	2.25		.85	.77		.40	.11								T						T	.02	T	.10					T			
TAGUS	.75			.15		.40	.05								.02			.01	T				.12	T								
TIOGA 1 E	.22	.08	T		.05		T												T	T				.09								
TOLLEY 4 NE	–			.70		–	–											.02	T	T	T								T			
TOWNER	1.32			.43	T	.70	.14																.05					T				
TROTTERS 6 SE	.53	.23		.16				.02							T			T	.09	T			.03									
TURTLE LAKE	1.36	T	.02	.33		.53	.21								.02			.03	.07		.01		.14					T	T			
TUTTLE	1.74		.60	.45		.40	.10								.03			T	T		T	.02	.14									
UNDERWOOD	1.37			.49			.65	.02							.01	.01			.12	.02		.02	.01	.02					T			
UPHAM 3 N	.95	T	.01	.04	T	.49	.15	T							T	T		T	.08		.03	.05	.07	.01				T	.02			
VALLEY CITY	1.69		.18	.97		.07	.40	T								T							.07									
VELVA	1.47	T	.10	.61		.54	.10								T	T		T	T		T	T	.08	.04				T	T	T		
VERONA	1.37		.22	.57		.49									.05					.04												
WAHPETON STATE SCHOOL	1.79	T	T	.04	.31	1.12	T	T							.17	.08						.04		.03					T			
WALHALLA	1.84	T	.49	.15	.10	.89	.18	.03										T														
WARWICK	1.36		.60			.63						T				T							.13									
WASHBURN	2.13		1.00	.23		.30	.20	T										.05	.05	.15			.15	T								
WATAUGA S OAK 8 N	1.58		.50	.94										.14															T			
WATFORD CITY	.52	.18		.12														.12		.02				.08								
WATFORD CITY 14 S	.53	.27		.12			T	T							T			.03	.01	.02	T		.08									
WESTHOPE	.69		.04			.62	.03							T	T	T		T	T		T							T				
WILDROSE	.68	.15		.14	.17															.08			.14						T			
WILLISTON WB CITY R//	.27	.07		.08			T	T						T				.03	T	T	T	T	.09					T				
WILLISTON EXP FARM	.31	.20		.11																T	T	T	T									
WILLOW CITY	.78		.06	.14		.40	.01								T			T	.04		.04		.09					T				
WILTON	1.31		.04	.10		.80		.17															.20									
WISHEK	–		.97	.63		.31								–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
WOODWORTH 5 E	2.61		.80	1.10		.55	T								T			T					.16					T				
ZAHL	.44	.26	T	.04			T							T	T			.02	T	.02	T	T	.10				T	T				

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1956

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	41	38	42	43	35	33	33	42		61	51	44	50	45	27	41	39	36	27	35	30	39	43	50	42	52	41	33	43	48		40.8
	MIN	30	31	31	29	28	26	19	25	27		34	24	38	18	9	13	20	27	17	12	10	5	30	37	21	20	31	11	18	31		23.2
AMENIA	MAX	46	47	62	49	47	41	37	43	37	53	49	40	53	47	26	25	35	45	38	34	32	17	24	47	42	39	42	40	34	35		40.2
	MIN	38	39	43	40	39	32	28	16	28	25	35	27	32	25	18	6	13	18	24	8	14	2	-2	17	21	18	20	11	8	26		22.3
AMIDON	MAX	49	37	32	34	35	30	33	30	37	51	55	50	50	47	31	30	38	45	37	23	35	41	45	48	50	47	49	41	36	48		40.5
	MIN	32	22	26	30	21	18	17	14	28	33	23	28	32	29	7	11	21	19	15	13	12	8	27	28	25	24	25	11	11	29		21.3
ARVILLA STATE PARK	MAX	43	42	57	52	48	38	36	42	34	51	47	40	48	41	24	27	40	42	35	35	31	15	27	48	42	44	43	27	33	35		38.9
	MIN	36	37	38	34	36	31	24	9	23	19	36	24	29	20	13	2	7	20	20	8	8	-2	-11	20	19	16	18	1	2	22		18.6
ASHLEY	MAX	45	40	51	48	39	37	33	44	38	56	53	43	57	45	21	30	36	42	35	33	32	24	38	46	35	44	42	35	33	43		39.9
	MIN	32	31	35	29	31	26	20	11	20	24	33	21	32	18	13	0	12	21	19	9	9	0	13	25	24	15	23	9	12	23		19.7
BEACH	MAX	45	39	33	35	37	29	33	36	41	49	62	43	52	48	27	32	40	46	32	24	36	35	43	49	51	41	48	40	34	50		40.3
	MIN	31	21	21	30	22	19	19	16	21	32	31	22	29	26	8	11	21	25	15	13	12	8	25	25	24	21	23	10	11	26		20.6
BELCOURT INDIAN RES	MAX	44	38	41	45	41	33	32	29	27	51	43	35	45	36	15	24	33	34	27	26	30	12	31	45	38	38	40	27	37	39		34.5
	MIN	34	29	29	33	29	28	13	6	19	23	31	18	29	13	6	-6	4	17	13	3	7	-10	9	17	20	16	21	4	10	27		16.4
BELFIELD	MAX	39	33	32	33	34	33	33	44	53	62	52	45	46	35	32	38	41	34	28	35	30	40	43	49	39	48	38	33	47	51		40.0
	MIN	30	24	27	29	22	21	18	16	30	30	32	21	22	14	4	12	18	21	12	11	10	4	31	29	22	16	23	7	21	27		20.1
BEULAH	MAX	51	41	48	49	47	36	34	28	43	40	57	46	46	50	34	26	41	40	35	30	35	18	40	43	50	32	49	40	33	44		40.2
	MIN						30	21	6	6	22	34	19	19	30	10	11	13	15	17	14	11	-1	4	30	27	16	16	10	10	28		16.7
BISBEE	MAX	41	39	48	48	41	34	35	32	31	40	42	36	45	37	17	35	32	28	28	28	30	14	27	45	37	36	38	25	37	32		34.6
	MIN	37	33	34	36	32	29	19	11	23	22	33	20	32	17	9	1	18	16	12	5	8	-5	10	20	16	18	24	6	14	22		19.1
BISMARCK WB AP	MAX	43	39	55	48	34	34	31	44	32	55	49	44	50	40	23	39	39	38	26	37	26	38	42	50	37	50	41	23	42	47		39.9
	MIN	33	33	35	30	28	31	16	7	20	25	32	23	35	18	10	8	16	22	18	12	7	3	21	33	22	17	17	12	18	21		20.8
BOTTINEAU	MAX	50	44	38	46	46	37	33	20	29	29	39	37	39	39	21	19	26	33	30	20	31	13	17	32	39	29	33	35	21	35		32.0
	MIN	33	32	32	36	32	31	15	0	8	21	26	15	18	18	4	2	8	10	15	2	7	-9	1	12	21	12	11	0	2	21		14.5
BOWBELLS	MAX	44	38	38	41	36	32	32	37	31	47	41	39	50	39	21	35	36	31	25	35	32	40	38	41	37	45	36	33	42	43		37.2
	MIN	34	27	30	32	28	23	15	17	13	25	32	17	35	15	8	9	17	20	10	9	5	-3	17	33	20	20	26	4	19	25		19.4
BOWMAN COURT HOUSE	MAX	45	33	34	35	33	32	31	40	45	57	50	47	47	41	29	36	43		36	35	30	44	45	50	44	50	40	35	48	52		40.9
	MIN	30	20	24	27	19	15	17	12	25	34	28	20	35	20	3	8	16		12	8	12	6	26	33	20	16	25	9	21	25		19.5
BUTTE	MAX	52	40	37	53	46	34	32	22	32	42	45	42	46	45	25	20	34	35	34	25	32	16	38	44	47	46	45	39	30	40		37.3
	MIN	32	33	30	32	31	31	19	12	12	23	33	24	25	24	10	6	14	23	18	13	10	-2	12	20	20	25	24	5	6	27		19.7
CARRINGTON	MAX	47	41	45	57	42	35	34	24	38	38	46	40	42	45	27	19	30	37	36	23	34	12	20	39	43	25	44	38	25	37		35.4
	MIN	30	33	31	35	32	30	22	12	15	23	30	22	23	24	11	0	5	13	15	10	11	-3	5	11	21	18	19	5	5	22		17.7
CARSON NO 2	MAX	55	39	40	43	43			30	45		60			48	30	24	41			21	36	20	40	44	50	37	53	40	32	40		39.6
	MIN	31	31	31	29	26		21	16	25			22		24	7	10	20			12	12	9	3	32	26	26	16	10	10	29		19.9
CAVALIER	MAX	42	42	54	55	51	47	36	42	37	50	44	37	52	45	23	24	33	33	30	27	27	19	35	46	42	45	42	30	34	36		38.7
	MIN	37	37	37	38	39	34	23	11	22	25	34	27	32	21	12	5	11	16	20	7	10	0	-2	22	20	20	20	9	12	20		20.6
CENTER	MAX	40	39	49	46	41	33	33	42	33	55	47	43	50	43	22	42	39	36	26	35	30	38	42	49	45	49	38	37	42	46		40.3
	MIN	29	30	30	37	24	27	20	5	18	21	31	18	29	13	10	4	13	15	15	6	15	5	23	29	25	11	28	7	14	20		19.1
COOPERSTOWN	MAX	41	40	57	50	44	36	33	41	34	50	45	39	47	43	22	30	39	39	34	36	30	16	28	43	39	44	40	37	35	33		38.2
	MIN	36	36	37	37	33	31	24	13	25	25	34	23	31	20	14	2	14	22	21	9	11	-3	-4	19	22	18	24	8	11	23		20.5
CROSBY	MAX	39	38	39	47	34	32	31	43	43	55	45	44	48	34	29	39	38	37	25	36	27	42	41	49	38	48	37	30	45	48		39.4
	MIN	29	17	23	27	20	23	15	10	18	31	30	17	31	12	3	12	15	10	9	6	2	-4	20	22	17	18	28	2	21	28		17.1
DEVILS LAKE WB CITY	MAX	40	39	53	49	41	34	30	39	34	46	41	39	47	34	18	28	36	33	28	30	23	14	29	42	34	41	39	19	35	31		34.9
	MIN	38	35	36	39	33	30	16	14	25	26	30	23	34	17	7	4	16	24	10	10	2	-4	6	21	22	21	16	6	18	23		19.9
DICKINSON CAA AP	MAX	41	33	36	38	33	34	30	42	53	61	50	49	51	35	32	40	42	35	25	35	23	41	46	50	37	50	39	30	49	50		40.3
	MIN	27	25	30	30	27	22	19	20	29	39	24	22	35	13	7	14	21	21	13	13	4	6	30	32	18	18	14	7	30	25		21.2
DICKINSON EXP STATION	MAX	53	42	35	37	40	34	35	30	45	55	62	46	48	53	30	34	42	42	34	25	36	26	42	46	52	37	51	40	32	50		41.1
	MIN	31	22	29	31	28	24	21	17	20	32	32	20	24	29	6	6	10	24	17	11	13	4	26	32	24	14	22	6	8	31		20.5
DRAKE	MAX	53	42	37		53	35	32	25	31	37	41	43	42	46	25	20	35	38	31	25	31	17	29	40	46	31	45	39	27	42		35.8
	MIN	37	33	32		34	31	20	9	14	24	32	22	23	24	11	9	10	19	18	12	12	-3	14	15	23	20	22	8	8	26		19.3
DUNN CENTER 2 SW	MAX	51	39	36	42	42	36	33	30	43	42	56	34	53	49	27	26	46	39	34	25	33	26	41	45	49	33	49	39	32	44		39.1
	MIN	30	31	30	30	29	27	22	18	22	27	30	20	30	10	6	6	20	25	16	10	12	3	26	31	25	20	28	8	8	30		21.0
ECKMAN 2 SE	MAX	53	51	48	47	45	36	33	25	34	30	36	41	43	43	24	20	36	35	31	34	31	16	24	41	43	32	45	37	29	41		36.1
	MIN	31	33	30	30	30	32	20	7	11	21	29	21	21	23	8	6	9	16	15	9	6	-7	6	12	21	18	19	7	8	19		17.0
EDGELEY EXP FARM	MAX			53	56	51	40	39	29	46	39	56	51	45	55	31	20	24	36	42	28	35	18	25	40	46	30	47	44	23	39		38.9
	MIN	29	29	33	33	31	31	26	15	17	22	35	24	26	31	15	0	4	19	22	11	13	2	4	13	25	17	21	9	9	22		19.6
EDMORE 1 W	MAX	40	41	50	49	44	37	34	38	33	43	43	35	44	36	20	24	35	33	33	32	30	14	25	42	36	41	40	31	31	32		35.5
	MIN	30	30	32	33	30	25	17	10	20	20	27	17	22	15	4	-4	13	18	13	5	5	-2	-4	18	20	23	22	2	10	20		16.4
ELLENDALE	MAX	47	46	53	52	45	41	36	46	35	57	53	48	58	47	24	24	33	43	38	36	34	25	34	46	39	42	44	37	40	44		41.6
	MIN	35	37	37	34	37	31	26	13	25	29	33	25	30	22	15	2	14	19	24	12	14	2	13	23	24	19	22	11	12	27		22.2
ENDERLIN	MAX	45	45	56	60	51	41	38	32	43	34	55	50	43	53	34	22	23	37	43	30	35	19	20	31	48	30	39	43	18	36		38.5
	MIN	27	36	39	40	37	32	29	15	16	25	31	26	25	33	17	4	4	15	25	10	11	1	-3	-3	23	18	19	11	9	15		19.6
FAIRFIELD	MAX	38	32	39	39	34	32	27	42	51	59	52	48	52	42	30	39	40	32	28	33	20	38	43	47	35	47	38	25	42	47		39.0
	MIN	25	19	22	30	20	17	13	13	30	37	28	22	37	18	5	12	22	20	13	10	7	5	29	33	26	25	22	5	19	19		20.1
FARGO WB AP	MAX	49	56	62	48	46	39	37	41	36	53	50	40	50	40	25	24	35	44	31	32	31	17	22	49	40	36	42	20	31	35		38.7
	MIN	38	41	47	41	35	34	24	17	28	28	32	27	36	25	13	6	18	24	22	12	8	3	-2	18	17	19	20	8	14	18		22.4
FESSENDEN	MAX	43	42	55	50	42	34	33		35	44	44	41	48	41	22	32	38	35	30	34	33	22	38	46	38	45	41	35	41	44		38.8
	MIN	36	33	35	36	32	31	18	10	15	24	31	22	34	19	12	5	20	18	15	10	9	-2	11	23	22	19	28	6	16	24		20.4
FORMAN	MAX	46	48	52	51	47	39	35	41	35	57	64	43	56	48	24	24	35	41	37	30	32	31	23	46	41	34	43	37	35	40		40.5
	MIN	33	40	45	39	36	32	27	13	23	23	34	24	32	24	18	-2	12	21	23	8	14	1	1	14	23	18	21	11	10	24		21.4
FORT YATES	MAX																																
	MIN																																
FOXHOLM 7 N	MAX	46	41	45	46	35	34	33	36	37	47	45	41	48	43	20	38	37	36	29	36	35	40	42	47	40	47	43	34	42	47		39.7
	MIN	35	32	31	30	28	27	19	5	13	21	33	21	32	17	10	4	15	19	17	15	9	-3	16	32	23	15	30	7	20	28		20.0
FULLERTON	MAX	44	45	54	52	44	42	35	46	35	56	50	44	55	45	25	24	34	42	38	35	33	24	33	47	47	42	43	37	38	42		41.0
	MIN	31	37	43	35	32	32	24	14	24	23	33	24	31	22	10	1	15	19	23	11	15	1	9	22	22	18	25	9	10	26		21.4
GACKLE	MAX	41	39	54	49	44	41	32	41	33	46	44	46	49	44	21	32	32	38	29	34	23	21	34	44	40	43	40	32	43	41		38.3
	MIN	34	31	35	32	32	31	24	14	23	27	30	31	34	20	11	2	14	20	11	13	10	-1	12	24	22	14	23	14	21	22		21.0

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	50	40	36	49	45	34	32	25	43	41	50	47	43	47	28	20	39	36	33	29	33	22	37	43	47	30	44	39	30	32		37.5
	MIN	31	32	32	32	29	29	18	11	17	23	32	26	21	21	11	10	15	23	14	10	9	-1	10	31	26	21	25	7	7	25		19.9
GRAFTON	MAX	43	42	58	54	52	45	36	41	38	51	46	37	48	43	23	24	35	34	32	35	32	15	27	48	43	43	42	30	33	35		38.8
	MIN	37	38	38	40	38	33	23	14	25	25	35	25	35	22	14	5	11	18	22	8	14	-2	2	13	15	14	21	9	8	25		20.8
GRAND FORKS CAA AP	MAX	45	45	59	48	53	39	36	42	34	50	49	39	48	37	23	25	36	41	32	34	29	15	25	48	26	40	42	19	33	36		37.6
	MIN	36	38	43	41	34	34	21	16	25	26	31	24	34	23	10	5	14	21	12	10	12	-2	-1	18	18	18	19	9	14	17		20.7
GRAND FORKS UNIVERSITY	MAX	45	45	59	47	53	39	33	43	33	51	48	39	48	40	23	25	35	42	32	35	29	15	25	49	26	41	43	27	33	36		38.0
	MIN	35	38	40	41	37	32	25	15	27	25	35	25	33	23	16	4	13	20	22	10	12	0	-1	15	18	17	20	8	9	24		21.3
GRAND RAPIDS 1 N	MAX	44	44	58	53	45	39	42	48	39	55	49	45	54	45	25	25	37	40	38	37	33	24	31	48	40	48	44	34	44	41		41.6
	MIN	33	36	41	38	33	32	28	12	22	22	30	23	30	25	15	0	9	18	20	8	12	-1	9	16	25	16	21	10	18	21		20.7
GRANVILLE	MAX	43	40	49	48	36	34	34	35	32	47	41	42	41	39	25	38	36	34	27	36	34	31	41	47	48	47	39	28	43	44		38.6
	MIN	33	32	32	34	29	29	18	8	14	23	30	31	35	17	10	8	17	25	16	16	8	7	15	25	30	20	28	6	18	25		21.3
GRENORA	MAX	46	38	34	41	41	33	33	47	50	58	55	46	48	38	31	40	45	33	36	36	26	43	43	51	45	45	38	38	48	45		41.7
	MIN	33	21	32	33	27	23	18	18	23	34	32	17	36	15	4	18	19	21	23	14	5	1	32	33	19	19	12	5	24	21		21.1
HANKINSON R R STATION	MAX	43	50	57	60	47	42	40	33	44	35	58	46	45	57	38	22	22	32	42	29	32	21	20	33	46	27	37	44	19	35		38.5
	MIN	31	39	43	39	38	31	31	16	16	26	30	26	26	37	21	3	3	21	22	13	13	3	0	0	23	17	19	13	10	16		20.9
HANNAH	MAX	40	39	45	47	38	38	35	38	36	42	46	36							30	32	30	13	27	42	38	41	37	18	35	33		35.7
	MIN	34	33	33	34	34	33	20	12	25	34	32	23							5	10	8	-4	4	18	20	20	17	4	13	20		20.1
HANSBORO	MAX		40	43	48	38	34	33	38	34	48	43		45		17	26		35	28	30	30	12	34	42	36	44	38		36	33		35.4
	MIN		32	32	34	32	31	17	10	22		32			15	5	0		15	11	5	7	-6	8	22	20	20	24		5	21		17.3
HETTINGER	MAX	43	34	36	37	33	33	32	41	46	53	45	48	50	40	29	38	42	35	28				41	52	38	39	32	48		50		40.1
	MIN	29	25	28	29	20	18	9	12	25	33	29	20	32	14	5	11	17	24	14	9				37	22	19	11		24	27		20.9
HILLSBORO	MAX	46	47	62	54	50	40	37	42	34	53	49	41	49	46	26	26	36	44	34	35	31	15	23	49	44	39	43	36	32	34		39.9
	MIN	37	39	42	41	40	32	28	16	26	25	26	28	33	26	19	6	14	20	24	10	15	1	0	18	20	18	20	10	12	16		22.1
JAMESTOWN CAA AP	MAX	43	42	58	51	39	36	33	41	37	50	46	43	50	41	21	27	37	40	28	37	29	21	33	46	37	47	41	19	38	41		38.4
	MIN	36	35	39	36	32	31	18	14	24	26	32	24	34	19	7	4	14	20	12	11	3	0	11	24	19	19	17	9	14	21		20.2
JAMESTOWN STATE HOSP	MAX	43	40	57	51	44	38	36	43	38	49	47	43	48	43	24	24	36	40	32	36	30	33	46	44	39	47	40	31	37	39		39.9
	MIN	36	34	38	37	33	33	21	14	24	26	34	24	34	22	13	4	15	21	18	11	-1	2	14	26	23	19	26	10	13	27		21.7
KENMARE	MAX	53	40	39	44	41	34	33	24	36	42	47	41	48	45	25	19	36	36	30	25	36	19	41	47	47		47	37	32	42		37.4
	MIN	32	29	29	31	28	25	16	13	15	19	32	20	20	24	5	9	16	20	15	15	8	-2	17	21	21	22	25	5	5	28		18.8
KENSAL WILDLIFE REFUGE	MAX	43	41	59	52	40	37	34	42	40	52	48	43	49	46	21	28	40	41	29	39	32	20	35	47	40	46	42	36	39	41		40.1
	MIN	32	33	37	36	33	32	20	10	22	22	33	23	31	21	15	2	15	22	20	9	12	-1	13	24	23	17	26	7	14	25		20.9
LANGDON EXP FARM	MAX	44	40	47	49	41	39	33	39	33	47	42	36	48	36	18	22	34	32	30	28	25	13	26	42	37	40	39	29	35	32		35.2
	MIN	33	34	32	35	32	32	22	13	23	25	33	23	32	18	10	-2	12	16	12	4	8	-5	-8	16	21	16	22	4	10	20		18.1
LARIMORE	MAX	42	43	58	52	47	38	36	44	36	52	47	40	48	42	27	28	38	40	34	35	31	15	38	48	42	45	41	35	34	34		39.7
	MIN	37	38	37	40	36	33	25	15	26	26	25	25	34	21	14	2	14	22	21	9	12	-1	10	22	21	19	22	-5	7	14		20.7
LEEDS	MAX	41	40	50	48	41	33	33	33	31	40	41	37	45	37	19	28	36	36	28	29	31	15	33	40	38	39	38	29	35	36		35.3
	MIN	38	34	34	37	32	28	18	10	18	22	30	21	32	17	10	2	13	22	11	5	8	-7	10	23	20	19	25	5	15	20		19.1
LINTON	MAX	48	42	50	51	42	38	33	45	45	60	54	47	53	42	22	33	38	42	35	39	35	35	42	52	46	48	44	37	42	45		42.8
	MIN	36	34	30	30	32	28	22	10	21	26	29	20	29	22	11	6	10	12	16	5	10	0	18	21	28	14	18	10	15	22		19.5
LISBON	MAX	45	45	58	56	48	39	34	40	39	53	51	48	55	50	30	21	32	40	32	30	29	19	24	46	45	37	42	38	34	38		39.9
	MIN	30	40	44	39	31	31	28	13	24	21	32	23	32	31	10	2	11	17	23	8	17	1	8	18	22	18	21	10	8	22		21.2
LOSTWOOD 12 N	MAX	44	36			41	33	31	36	37	49	45	39	46	43	25	35		35	25		34		41	46		45		35	42	45		38.6
	MIN	33	26			25	24	17	14	15	25	32	16	16	14	1	11		15	11		6		13	34		18	26	4	17	28		18.4
MADDOCK AGR SCHOOL	MAX	42	41	53	49	41	34	33	37	33	44	42	38	48	39	21	30	36	34	30	30	31	20	35	41	38	42	38	34	36	38		36.9
	MIN	38	34	35	37	32	29	18	11	21	24	32	23	33	19	12	4	12	19	14	8	8	-4	12	24	21	19	28	5	16	23		20.2
MANDAN EXP STATION	MAX	53	42	46	55	48	33	33	26	42	44	58	48	44	50	30	21	39	38	40	24	43	17	39	44	50	32	50	41	35	42		40.2
	MIN	32	33	32	29	26	30	21	9	18	23	33	22	36	30	11	6	18	22	19	11	13	1	17	27	28	16	20	10	10	30		21.1
MANDAN FT LINCOLN PARK	MAX	53	43	46	48	41	35	34	44	37	57	51	40	52	42	28	40	39	40	34	40	28	38	44	53	42	50	43	34	44	48		42.3
	MIN	28	24	21	26	24	28	19	10	19	21	32	20	33	19	10	5	15	20	10	8	11	-1	19	32		14	25	7	14	25		18.6
MARMARTH	MAX	42		36	35	35	34				58	48	51	49	41	29	35	47			38	32	48	48	52	48	39	40	45	52	53		43.1
	MIN	33		26	27	27			15		33	34	24	38	24			20			11	18	18	30	36	24	16		13	26	32		25.0
MAX	MAX	49	39	35	43	45	35	32	24	35	36	47	40	47	45	24	20	37	34	32	23	32	14	37	38	45	29	44	37	28	40		35.5
	MIN	32	30	30	31	28	29	17	7	11	21	32	19	20	24	9	7	10	19	15	12	8	-3	8	24	25	18	21	8	8	26		18.2
MAYVILLE	MAX	42	42	61	54	45	38	34	38	39	52	45	42	47	44	24	28	38	43	35	35	32	19	20	48	41	42	44	30	33	33		38.9
	MIN	38	38	40	40	38	34	26	16	26	26	36	27	34	24	18	5	16	24	24	11	18	5	1	18	24	25	25	9	9	22		23.2
MC CLUSKY	MAX	42	39	53	47	41	33	30	34	31	43	41	40	46	40	20	33	35	35	25	30	30	37	37	42	38	42	38	32	39	43		37.2
	MIN	35	31	30	30	31	28	15	9	16	20		19	31	17	9	5	15	20	14	8	6	-4	14	27	22	16	25	6	16	26		18.5
MC HENRY 5 N	MAX	40	40	57	49	41	35	33	43	34	49	48	40	47	40	20	27	38	37	30	37	30	15	30	41	38	42	41	30	36	33		37.4
	MIN	36	34	35	36	32	30	20	10	23	24	32	20	31	19	11	1	13	17	15	6	10	-6		20	21	16	25	6	12	23		19.7
MC LEOD 3 E	MAX	48	50	60	50	42	39	37	43	37	56	53	43	60	45	26	23	35	42	35	32	28	18	20	49	40	37	45	38	38	41		40.3
	MIN	36	40	49	38	38	33	27	13	24	26	30	26	30	25	17	1	20		29	10	15	2	-5	18	20	20	21	8	8	23		22.1
MC VILLE	MAX	40	40	57	50	42	36	34	42	33	50	39	39	47	39	20	29	39	37	33	35	30	14	27	43	39	43	39	28	35	32		37.0
	MIN	37	36	36	38	33	31	22	12	25	24	31	22	32	19	12	1	12	19	19	9	11	-4	-8	19	21	19	24	7	12	23		19.8
MEDORA 3 NNE	MAX	45	37	39	42	35	35	35	46	55	64	52	51	53	46	35	42	46	40	31	37	30	44	49	53	48	52	42	36	51	53		44.1
	MIN	34	15	29	33	22	22	20	12	20	34	35	15	39	24	3	12	12	18	17	11	14	-2	29	38	27	8	16	10	21	23		20.4
MINOT CAA AP	MAX	41	37	46	45	35	32	28	35	29	45	44	42	47	33	20	37	36	32	25	35	25	40	40	48	35	48	39	28	42	44		37.1
	MIN	33	31	32	32	31	27	12	12	17	29	29	22	32	12	9	8	23	20	17	16	3	-1	15	33	22	22	15	7	27	29		20.5
MINOT EXP STATION	MAX	51	40	36	46	44	33	32	23	32	38	43	42	46	45	24	18	35	36	31	24	35	15	39	42	47	30	46	38	32	41		36.1
	MIN	33	31	31	31	30	31	18	9	12	22	34	20	22	23	11	8	16	23	17	13	9	-1	14	21	24	20	26	8	9	28		19.8
MOFFIT 4 SE	MAX	49	40	55	49	47	34	34	41	41	50	47	43	48	45	24	32	37	36	33	40	33	36	40	46	44	48	44	36	38	42		41.1
	MIN	35	33	33	28	31	28	22	9	20	25	30	19	32	21	15	3	13	20	13	8	13	0	18	24	25	15	19	10	17	15		19.8
MOHALL	MAX	43	39	43	43	37	34	32	30	29	41	41	38	43	39	19	36	34	36	27	35	33	37	40	44	38	44	38	23	41	45		36.7
	MIN	31	30	31	34	29	28	15	2	19	20	34	20	20	12	10	6	13	17	15	8	5	-5	14	29	24	20	17	7	20	25		18.3
MOTT	MAX	41	38	37	39	33	35	33	43	50	59	48	46	50	42	32	41	45	37	32	36	32	44	46	53	42	55	41	35	47	51		42.1
	MIN	29	28	30	29	33	20	19	11	20	28	32	17	30	19	8	9	10	21	12	9	11	0	22	33	25	12	24	9	22	25		19.9
MUNICH 4 SW	MAX	38	38	44	48	40	33	31	36	30	45	41	34	45	34	18	24	34	32	30	26	28	10	25	40	29	35	37	25	33	30		33.1
	MIN	29	27	27	29	26	24	21	15	17	18	26	14	24	11	1	-6	5	11	4	-5	3	-14	-9	9	14	11	15	4	5	16		12.4

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	42	41	48	54	42	35	34	34	43	52	47	42	52	42	33	30	29	40	38	36	32	31	38	46	42	41	41	33	39	43		40.0
	MIN	36	36	32	34	32	29	18	21	13	26	31	23	33	20	16	0	8	23	16	12	8	0	14	26	25	12	25	6	16	23		20.5
NEW ENGLAND	MAX	42	35	36	36	34	34	33	39	48	58	50	47	49	43	30	39	42	39	29	35	31	46		57	45	50	41	34	49	50		41.4
	MIN	32	26	28	30	24	19	13	13	28	30	32	22	21	22	6	12	17	28	16	13	12	16		33	24	13	24	7	20	28		21.0
NEW SALEM 1 S	MAX	41	47	42	45	37	33	33	42	37	58	48	44	50		29	41	39	37	25		29	38	42	50	39	50	41	33	43	48		40.8
	MIN	30	30	32	29	25	26	13	13	23	27	35	21	35	18	10	10	20	25	16	10	7	1	25	33	22	19	28	8	19	27		21.2
NEWTOWN	MAX	48	38	36	45	35	33	32	42	33	58	51	45	52	42	24	38	35	36	27	36	34	40	42	50	45	45	40	35	44	45		40.2
	MIN	35	25	31	29	29	25	19	5	20	21	32	17	35	14	3	12	14	23	15	9	9	-3	31	34	26	14	25	6	16	27		19.9
OAKES	MAX	51	43	55	57	53	42	41	29	42	34	56	51	46	55	34	19	22	34	43	28	32	18	22	32	46	30	39	43	18	37		38.4
	MIN	28	35	38	37	36	30	28	13	15	22	29	23	25	32	17	0	1	12	19	9	12	2	2	10	22	19	19	11	10	15		19.0
PARK RIVER	MAX	42	41	58	54	46	44	35	45	40	50	47	38	46	43	22	25	37	35	32	35	30	15	28	46	43	44	42	31	34	37		38.8
	MIN	38	37	37	38	38	34	25	17	25	26	35	25	33	22	15	4	15	20	20	10	13	0	-3	13	20	18	22	9	11	28		21.5
PARSHALL	MAX	43	37	45	45	36	33	32	38	35	55	42	42	48	42	26	38	35	33	26	35	32	38	41	49	42	46	39	35	44	45		39.2
	MIN	34	28	30	30	29	26	18	7	16	24	31	16	33	16	5	12	13	21	13	8	8	-5	35	28	20	13	28	5	18	24		19.5
PEMBINA 2 N	MAX	46	44	57	57	53	53	37	41	40	45	45	42	49	47	22	23	32	34	32	30	33		26	47	43	43	40	32	34	34		40.0
	MIN	36	35	36	39	38	33	23	14	22	21	33	21	32	22	13	-2	16	21	18	3	10	-5	4	17	17	15	25	6	11	25		20.0
PETERSBURG	MAX	40	40	54	49	43	36	32	41	32	48	43	38	46	39	20	24	36	37	30	36	28	13	27	43	38	41	39	28	33	32		36.2
	MIN	35	36	35	37	33	32	24	13	24	25	34	22	33	20	10	2	14	21	17	10	10	-3	-4	18	21	18	23	7	11	23		20.0
PETTIBONE	MAX	40	40	56	50	42	33	32	36	31	42	42	41	47	41	20	30	35	35	31	36	32	26	37	42	39	44	38	35	38	40		37.7
	MIN	35	31	33	32	31	29	18	7	18	22	29	21	32	18	10	2	12	19	17	9	9	-5	11	16	22	16	21	6	12	21		18.5
PORTAL	MAX	49	49	38	40	43	34	32	24	36	46	48		47	43	20	25	35	47	27	24	35	23	40			29	45	35	31	42		36.6
	MIN	32	24	26	30	25	21	16	8	16	21	31		17	17	4	7	16	19	6	8	5	-7	18	20	21	20	25	3	5	22		16.4
POWERS LAKE 1 N	MAX	41	36	40	43	36	31	29	39	38	50	42	40	38	38	26	37	36	35	23	34	24	39	39	37	45	43	35	25	42	44		36.8
	MIN	30	22	27	28	23	23	10	5	15	25	20	12	32	10	0	8	12	12	8	9	5	-12	26	25	25	15	15	1		18		15.5
RAUB 10 SSW	MAX	51	42	54	49	38	36	33	43	38	57			48	41	26	39	34	35	32				43	50	43	48	41	34	45	48		41.9
	MIN	32	33	30	31	30	29	19	16	23	31			34	17	13	15	22	29	15		12	0	29	38	23	21	29	9	22	25		23.2
RICHARDTON ABBEY	MAX	50	38	34	38	40	34	34	29	41	50	59	47	49	49	28	26	41	40	34	24	34	25	40	44	50	32	50	39	34	45		39.3
	MIN	31	29	28	29	28	23	20	17	24	32	34	22	25	27	7	8	20	23	15	11	11	4	24	32	25	18	23	8	8	32		21.3
RIVERDALE	MAX	51	40	36	47	47	37	34	27	39	44	54	43	50	47	28	20	39	39	35	24	33	15	37	44	47	33	48	39	31	41		38.3
	MIN	31	31	30	31	27	30	19	12	9	12	33	28	28	28	11	9	14	20	19	12	13	3	8	26	27	19	20	10	11	31		20.1
ROLLA	MAX	40	38	42	46	38	35	32	32	28	52	41	35	48	37	15	25	33	32	28	30	30	12	34	46	37	37	38	23	37	35		34.5
	MIN	36	31	31	35	31	30	16	15	21	23	32	20	33	14	7	2	10	12	11	6	5	-6	9	21	20	19	16	5	12	25		18.1
RUGBY	MAX	46	43	48	48	43	33	33	35	30	42	40	37	45	41	19	30	36	33	28	30	30	18	37	40	38	42	37	33	38	38		36.4
	MIN	38	34	33	38	33	28	20	8	20	24	33	21	34	13	3	6	15	18	16	8	8	-8	12	20	20	20	26	5	16	24		19.5
SAN HAVEN	MAX	43	38	41	46	40	32	31	30	28	49	42	34	45	36	17	24	32	32	27	28	30	15	33	46	39	39	41	28	38	38		34.7
	MIN	35	32	32	37	32	29	18	10	21	24	33	21	29	15	6	3	11	17	15	5	7	-4	8	23	20	17	25	5	11	27		18.8
SHARON	MAX	40	40	58	53	42	36	34	40	41	50	44	35	49	40	20	28	39	39	32	35	30	13	26	44	37	43	40	28	33	33		37.4
	MIN	37	33	33	33	35	31	24	13	28	25	25	22	32	20	11	1	15	21	20	9	10	-4	-3	19	20	17	24	8	11	23		19.8
STANLEY	MAX	42	36	40	42	35	34	32	34	34	52	47	42	48	40	25	38	34	34	24	35	28	39	40	47	42	45	38	35	42	45		38.3
	MIN	33	27	29	28	28	25	18	9	17	24	31	17	32	10	5	8	17	23	9	11	9	-5	25	33	22	16	26	5	18	27		19.2
STEELE	MAX	42	40	60	58	40	35	33	47	31	46	44	46	48	48	22	32	37	38	32	36	32	34	38	46	43	46	40	35	38	43		40.3
	MIN	27	30	27	28	29	27	15	6	15	20	32	20	30	18	10	3	14	18	15	10	9	-2	12	22	23	15	22	8	15	26		18.1
TIOGA 1 E	MAX	50	36	36	42	43	36	31	26	40	40	54	40	47	47	24	27	39	37	27	23	34	18	38	40	47	33	43	36	25	42		36.7
	MIN	21	21	24	30	25	24	19	13	13	23	31	16	16	24	3	3	11	14	12	9	9	-8	16	28	23	16	21	4	4	23		16.3
TOWNER	MAX	48	39	48	47	37	33	30	33	42	39	35	42	46	39		31	37	34	32	35	36	30	40	44	35	46	38	33	42	42		38.4
	MIN	30	28	34	32	33	29	20	8	27		21	23	20	18		8		19	15	9	11	9	8	32	20	21	25	5	17	21		20.1
TURTLE LAKE	MAX	44	39	53	48	34	33	32	34	30	44	43	40	47	40	20	38	36	35	28	33	30	37	45	45	42	44	38	34	40	43		38.3
	MIN	30	30	30	26	30	27	16	6	15	21	30	20	34	17	8	5	16	21	14	8	7	-2	15	28	23	17	26	5	15	23		18.7
UNDERWOOD	MAX	52	40	35	50	47	34	33	25	37	38	49	42	45	47	29	20	38	35	34	23	32	15	37	42	46	30	44	38	30	41		36.9
	MIN	28	30	30	31	27	29	18	9	10	17	32	20	23	27	10	8	12	20	15	9	10	0	9	23	25	18	18	8	8	19		18.1
UPHAM 3 N	MAX	46	40	45	47	41	33	33	37	31	42	42	39	48	40	20	33	35	34	30	34	34	22	40	44	37	45	38	32	43	41		37.5
	MIN	38	32	32	35	31	27	19	5	17	26	25	20	30	17	8	5	11	10	16	8	9	-6	14	21	20	15	25	6	15	23		18.5
VALLEY CITY	MAX	43	43	59	59	50	47	40	39	43		50	43	50	47	24	25	38	42	38	35	33		28	45	39	44	40	37	35	35		41.1
	MIN	36	39	40	38	38	36	33		28	26	26	26	34	24	16	5	13	23	24	12	14	0	2		24	19	29	12	12	25		23.4
VELVA	MAX	46	40	48	46	41	34	35	35	31	46	45	41	48	41	23	37	36	35	27	34	32	28	40	50	44	47	46	37	43	45		39.4
	MIN	32	32	32	30	27	30	19	10	14	25	30	26	33	8	12	6	16	27	18	15	10	0	17	32	25	18	25	7	21	28		20.8
WAHPETON STATE SCHOOL	MAX	51	57	63	53	45	40	38	42	37	57	65	44	58	48	38	23	32	43	39	31	29	20	20	47	40	34	45	38	35	39		41.7
	MIN	37	45	52	40	39	33	28	15	25	26	31	25	34	28	20	2	14	21	25	12	15	1	-2	17	22	17	21	14	7	22		22.9
WASHBURN	MAX	47	45	55	48	39	34	34	40	32	53	46	43	52	43	22	42	38	35	28	34	32	38	41	49	43	48	41	35	43	45		40.8
	MIN	34			32	32	28	20		18	22	38		37	18	12				17	11	9	4	34	34	24	19	30	10	19	28		23.0
WATFORD CITY	MAX	41	35	41	45	38	34	33	46	53	59	51	50	52	41	34	39	38	36	28	36	32	39	45	51	37	50	40	30	48	49		41.7
	MIN	30	21	26	31	24	22	19	15	23	34	33	19	38	18	-1	10	14	24	12	9	10	-1	34	36	30	21	23	4	18	23		20.6
WATFORD CITY 14 S	MAX	46	40	42	45	40	35	34	47	55	61	57	51	57	48	34	42	40	42	27	37	35	43	45	53	50	50	48	36	51	49		44.7
	MIN	33	25	28	32	25	24	20	14	22	38	34	18	41	23	2	13	15	25	14	10	12	-1	31	38	24	12	22	5	21	21		21.4
WESTHOPE	MAX	42	38	42	43	38	33	30	32	29	38	37	39	41	32	27	29	33	30	23	33	23	17	38	43	36	42	37	20	40	40		34.2
	MIN	33	28	27	32	29	25	16	5	15	23	30	19	30	12	7	5	12	11	8	13	5	-7	12	24	21	15	14	5	15	21		16.8
WILLISTON WB CITY	MAX	43	37	42	45	38	36	33	47	51	59	46	49	51	34	33	42	43	36	27	38	21	45	46	52	39	47	40	28	51	46		41.5
	MIN	31	24	29	33	26	24	22	23	26	37	28	22	34	13	9	18	22	21	17	15	7	6	30	36	24	21	18	10	28	26		22.7
WILLISTON EXP FARM	MAX	40	34	39	43	42	32	30	45	49	58	48	48	50	40	30	39	42	36	24	36	19		43	50	45	44	38	38	49	45		40.6
	MIN	29	20	24	29	20	27	17	16	22	22	32	17	34	17	3	12	15	21	11	11	15			30	19	21	21	5	19	23		19.7
WILLOW CITY	MAX	45	40	47	47	39	34	34	33	30	38	39	36	36	37	20	28	36	33	28	32	32	17	37	41	36	40	36	29	39	36		35.2
	MIN	33	32	33	35	31	21	11	11	12	21	20	18	21	11	4	1	6	18	12	1	1	-10	12	19	20	8	19	2	11	21		15.2
WILTON	MAX	42	38	52	48	35	32	32	42	32	47	45	40	47	40	32	43	35	35	25	36	35	36	39	45	40	46	40	34	40	42		39.2
	MIN	29	30	30	28	30	21	16	7	7	21	36	20	32	18	8	5	14	20	14	8	8	0	17	31	23	12	27	5	14	26		18.6
WISHEK	MAX	46	40	51	46	43	34	42	36		49	41																					
	MIN	32	36	34	33	29	27	12	21	25	34	23	32																				

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

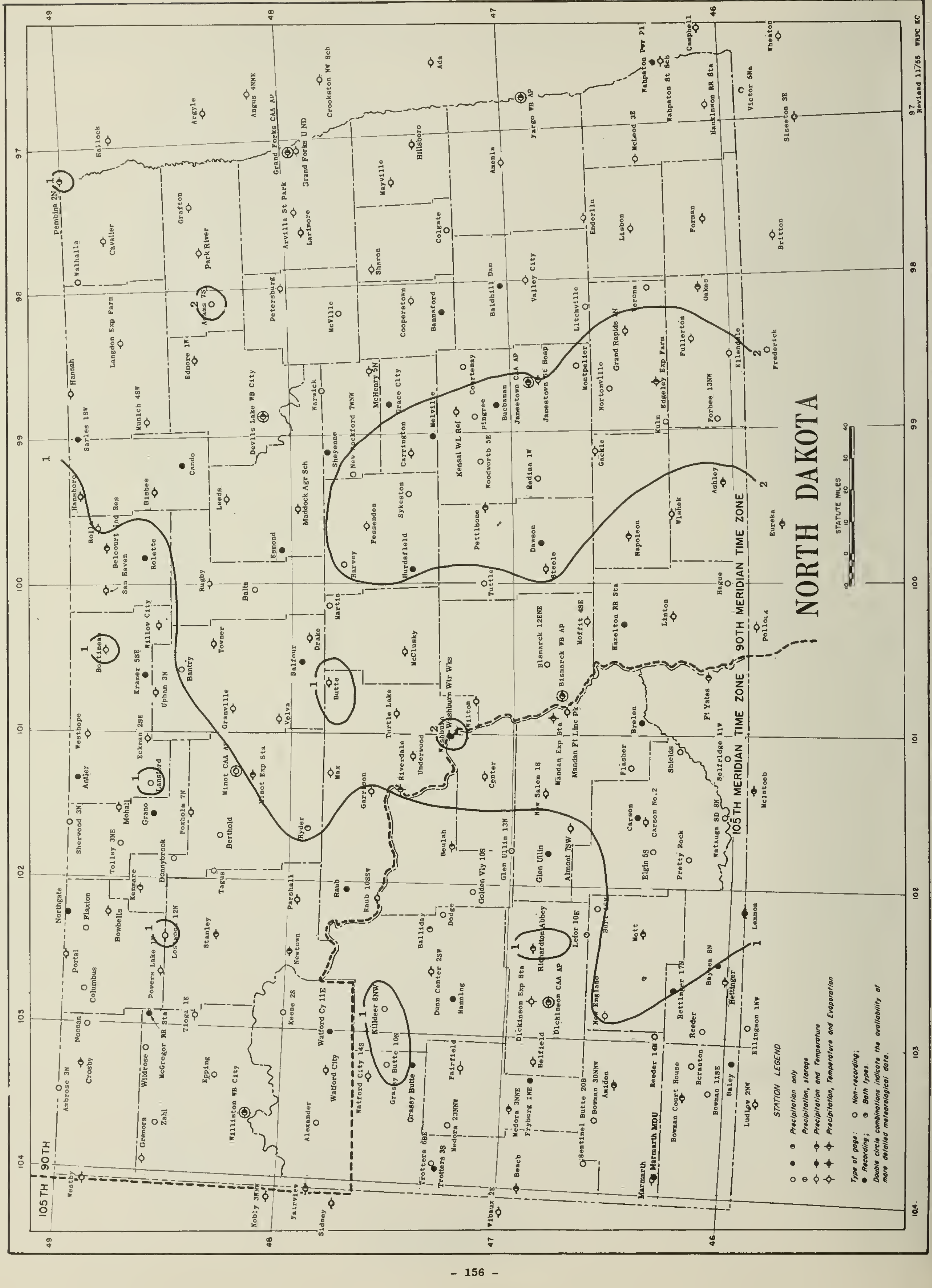
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL		3.0			0.5	0.5									T		T			T	T	0.2	T				T	T			
	SN ON GNO		3	2	1		T	T														T						T	T			
AMENIA	SNOWFALL														T									T								
	SN ON GND														T									T								
AMIDON	SNOWFALL			3.0											T	T	T			T		T	T	T				T				
	SN ON GNO			3	2	2	2	2	2	2	1				T	T	T	T	T	T		T	T					T				
ASHLEY	SNOWFALL		1.5			T	0.5								T								0.5									
	SN ON GNO		1																				T									
BEACH	SNOWFALL	1.0		1.0	1.0			T							0.5	0.2			T	T		T										
	SN ON GND	1	T	1	1	T									T	T	T			T	T	T										
BELCOURT INOIAN RES	SNOWFALL		T	T		1.0	T								T	T			1.5	0.5	T	T	1.0					T	T			
	SN ON GND					1	1	1	1	1					T	T	T	T	2	2	2	2	3	3	T	T	T	T	T	T	T	
BISMARCK WB AP	SNOWFALL		0.B			3.5	0.2	T		T					T	T	T	0.2	T	T	0.1	T	0.4	0.2				T	T			
	SN ON GNO						1	1	1	T	T					T	T	T	T	T		T	T	T	T				T	T		
BOTTINEAU	SNOWFALL		T	T			7.0	T			0.1				T	T		T	1.1	T		1.3	T	0.7					0.3			
	SN ON GND						7	7	7	6	5	5	4	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	
BOWBELLS	SNOWFALL					1.0	5.0												T	T			1.0									
	SN ON GND					1	6	5	4	4	4	3	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
BUTTE	SNOWFALL			T			3.0	T							T	T						T		T					T			
	SN ON GNO			T			3	3	3	2	2	T			T	T	T	T	T	T	T	T	T	T	T				T	T		
CARSON NO. 2	SNOWFALL			–																				–				T				
	SN ON GNO			2	1	1	1	T																T	T	T		T	T			
CAVALIER	SNOWFALL							–							T	T				0.2	0.3	0.2						T	T			
	SN ON GND							1	T	T					T	T	T	T	T	T	T	T	T	T				T	T			
CENTER	SNOWFALL		–	T			3.9								T			T					1.0					T				
	SN ON GNO		2	2	1	T	4	3	2	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
CROSBY	SNOWFALL			T			–													–			T									
	SN ON GNO						2	2	1	T										1	–	–										
OEVILS LAKE WB CITY	SNOWFALL		T			T	0.3	T							0.4	T	T	1.0	0.2	0.2	0.9	T	1.0			T		0.2	T			
	SN ON GND							T	T						T	T	T	T	1	1	1	2	2	3	3	1	•1	T	1	1	T	
OICKINSON CAA AP	SNOWFALL		1.5	T	T		T	T							T	T		T	T	T	T	T	T					T	T			
	SN ON GNO			2	T	T	T	T	T	T	T	T			T	T	T	T	T	T	T	T	T						T	T		
OUNN CENTER 2 SW	SNOWFALL			T	T		T	T								–			–					–					T			
	SN ON GNO			T	T	T	T	T								T	T		3	2	2	2	2	2								
EOMORE 1 W	SNOWFALL																						2.0									
	SN ON GND																						–	–								
FAIRFIELD	SNOWFALL	T	T	T			T	T							T			T	0.5	T	T								T			
	SN ON GNO																	T	1	1	1								T			
FARGO WB AP	SNOWFALL						T	T							T	T	T				T	0.3	0.2			T		T	T			
	SN ON GND								T							T	T	T	T			T	T	T	T				T	T		
FESSENOEN	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
	SN ON GND	T				4	2	1	1	1						T							1	T	T	T						
FORMAN	SNOWFALL						T	T							1.5									T								
	SN ON GNO														–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
FORT YATES	SNOWFALL			–																				T	T							
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
FULLERTON	SNOWFALL					0.6	0.3								2.7	T							2.0						0.2			
	SN ON GNO														2	2	2	2	T	T	T		2	2					T			
GRAFTON	SNOWFALL							0.2							0.1	T	T	0.2	0.3		T								0.2			
	SN ON GNO																															
GRANO FORKS CAA AP	SNOWFALL						T	T							T	T		T	T	T	T	T				T		T	T			
	SN ON GNO																			T	T	T	T	T	T	T			T			
GRANO RAPIOS 1 N	SNOWFALL						T								2.0								2.0						T			
	SN ON GNO														2	2	2	2	1				2	2					T			
GRANVILLE	SNOWFALL		T			4.0	2.0	T								T		T		T	0.5	T	0.5	T				T				
	SN ON GND					2	4	4	4	4	2	1						T	T	T	1	1	1	1	T			T	T			
HANSBORO	SNOWFALL		T	T		T	T								T	T			T	T	1.0	T	0.5						T			
	SN ON GNO					T	T								T	T			T	T	1	1	1	1					T			
HETTINGER	SNOWFALL		2.0	1.0				T																				T				
	SN ON GND		2	3	2	2	2	2	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
JAMESTOWN CAA AP	SNOWFALL					T	T	T							T	0.2	T	T		T	T	0.2	2.2	T		T		T	T			
	SN ON GNO															T	T	T	T	T		T	T	2	2				T	T	T	
KENSAL WILDLIFE REFUGE	SNOWFALL					T	T								T	T					T	1.0	1.0									
	SN ON GNO																					1	2									
LANGOON EXP FARM	SNOWFALL						1.0	0.5							T	0.4		T	T	0.2	0.1	0.5	0.7					T	T	T		
	SN ON GND						1	1							T	T	T	T	T	1	1	1	2	2	T			T	T	T	T	
MAX	SNOWFALL						9.4								T	T			0.B	T		T		1.0					T			
	SN ON GNO						9	5	5	4	3	T	T	T	T	T	T	T	1	1	1	T	T	1	1	T	T		T	T	T	
MAYVILLE	SNOWFALL							0.1							0.1	T	T					T						T	T	T		
	SN ON GND																															
MC CLUSKY	SNOWFALL		1.0			6.0									T			0.5	0.5		0.2	0.3	1.0									
	SN ON GNO					1	1	1	1	T	T							T	1	1	1	1	2	2	1	1	1	1	1	T	T	
MC HENRY 5 N	SNOWFALL						T								0.1	T			T		0.3	0.7	0.4	0.4				T				
	SN ON GND						T								T	T	T		T		T	1	1	2	T			T	T			
MINOT CAA AP	SNOWFALL		T	T		3.0	0.2							T	T	T	T	T	T	T	T	T	0.B	T				T	T			
	SN ON GNO			T			3	3	3	3	3	1	T	T		T			T	T	T			T	T				T			
MOHALL	SNOWFALL					–	–								T	T		–		T	T		1.0						T			
	SN ON GNO					3	3	3	3	3	1	T	T	T	T	T		T	T	T	T	T	1	T								

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOTT	SNOWFALL		4.0	T											T								0.4									
	SN ON GND		4	–	–	–	–	–	–						T								T									
MUNICH 4 SW	SNOWFALL						T								–	–			1.0		1.D	–	1.0					T	–			
	SN ON GND														–	1	1	1	2	1	2	1	2	1				T	1			
NAPOLEON	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
	SN ON GND														T	T	T	T			1	1	1	1					T			
PARSHALL	SNOWFALL		T	T	T	D.5	2.0									T		T	T	T	T	T	1.D	T				T	T			
	SN ON GND					1	3	2	1							T		T	T	T	T	T	1	1				T	T			
PETERSBURG	SNOWFALL															T					0.3								T			
	SN ON GND															T	T	T	T	T	T	T	T	T					T	T	T	
PETTIBONE	SNOWFALL		–			–	–														T	T	–						T			
	SN ON GND		1			1	1	1	1	1											T	T	1	1					T			
RIVERDALE	SNOWFALL			1.0			3.D									T	T		1.D	D.5	T	T	T	T	T				T	T		
	SN ON GND			1			2	1	1	1	1					T			1	1	1	1	1	1	1	T			T	T		
SHARON	SNOWFALL						T	T							T	T					T	T	D.5						T			
	SN ON GNO						T	T							T	T					T	T	1	1					T			
STANLEY	SNOWFALL					3.0																										
	SN ON GND					3	2	2	2	2																						
WAHPETON STATE SCHOOL	SNOWFALL							T							T	–						T		–					T			
	SN ON GNO															1	1	1	T													
WATFORD CITY	SNOWFALL																	T		0.5												
	SN ON GNO																															
WILLISTON WB CITY	SNOWFALL	T		T			T	T										0.1	T	T	T	T	0.1					T				
	SN ON GND			T				T												T	T	T	T									
WILLOW CITY	SNOWFALL					–	–								T			T	–		–		–					T				
	SN ON GNO					3	2	2	1	1	T	T	T	T	T	T	T	T	1	1	2	1	1	2	1	1	1	T	T	T	T	

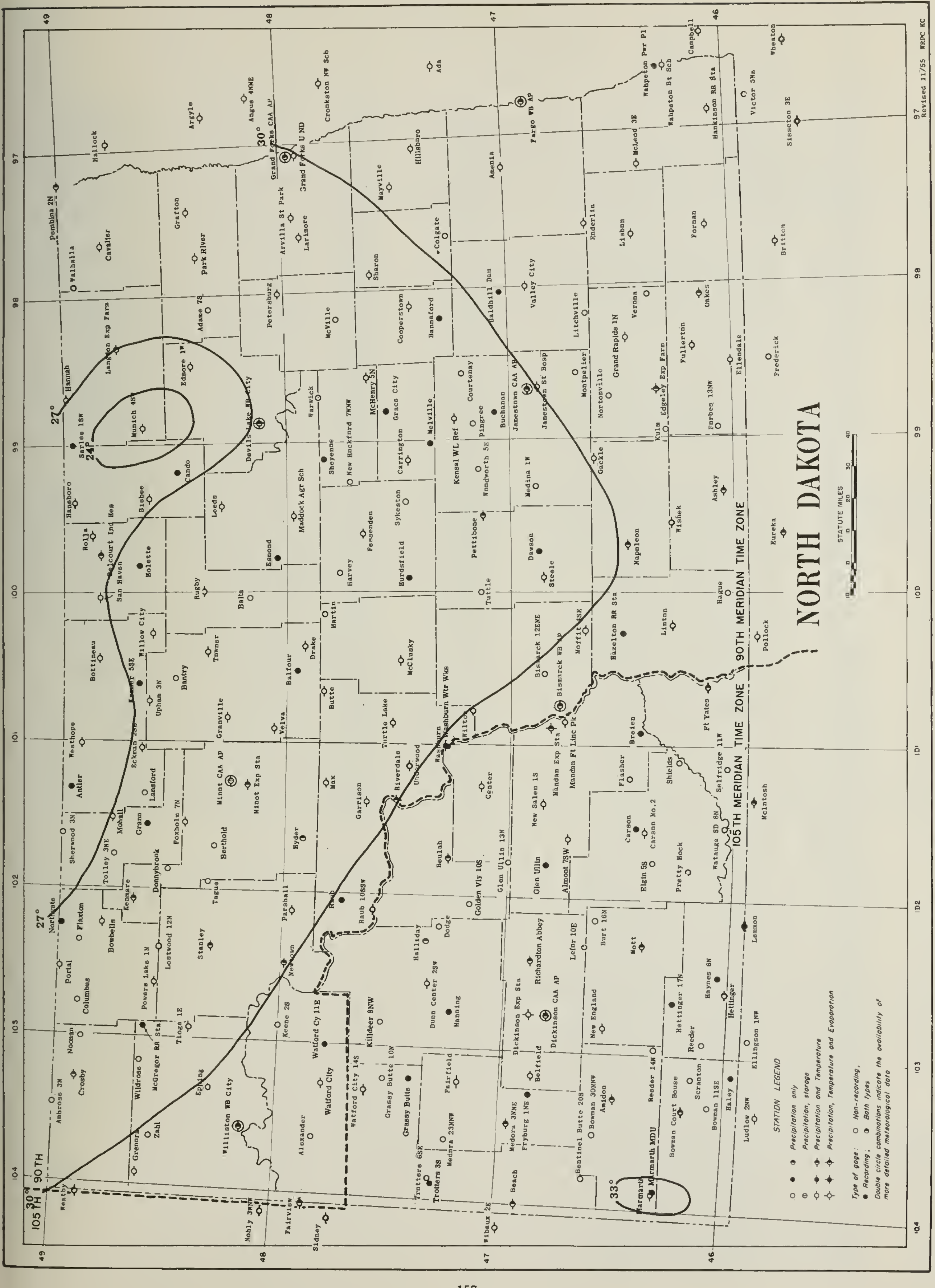
TOTAL PRECIPITATION


NORTH DAKOTA
STATUTE MILES
0 10 20 30 40
90TH MERIDIAN TIME ZONE
105TH MERIDIAN TIME ZONE
105 TH
90 TH
Revised 11/55 WRPC KC
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording; ● Recording; ◉ Both types.
Double circle combinations indicate the availability of more detailed meteorological data.
1
2

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NOVEMBER 1956



NORTH DAKOTA
27°
24°
30°
33°
90TH MERIDIAN TIME ZONE
105TH MERIDIAN TIME ZONE
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording, ● Recording; ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
Revised 11/55 WRPC KC

Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adamn 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Aleaander	0096	McKenzie	13	47 50	103 38	2200		6P	Jamns Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border 6tation	3
Amnnia	0196	Cass	11	47 00	97 13	960	8S	SS	Virgil L. Gebeks	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	S8	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnns	11	47 02	98 02	130D		MID	Corps of Engineers	C
Balfour	0492	McBnnry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pinrcn	11	48 10	100 02	1550		6P	Anton Bchmaltz	3
Bantry	0516	McHnnry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beacb	0590	GoldenValley	7	46 55	104 01	2814	8A	8A	Belen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	25R3	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weatber Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burlnigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottinnau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowhells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felia L. Adams	2 3 5 7
Bowman Court Rousn	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Ranson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Bendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruehele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Barry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bansen Pico	2 3 5 7
Cnnter	1456	Dliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 38	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1830		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Tbomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Wnather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 6 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodgn	2215	Dnnn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McBenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Eap. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendaln	2605	Dickey	5	46 00	98 31	1480	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weatber Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5 7
Flashsr	3009	Morton	1	46 27	101 14	1930		8A	Gnorge M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Thsodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2775		MID	David D. Brennan	C
Fullerton	3287	Dickny	5	46 10	98 25	1439	6P	6P	F. D. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1811	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anborn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	8	47 10	102 03	1870		6P	Robert B. Backfiscb	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsb	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Anro Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1825		MID	Robert Decker	C
Granville	3686	McBenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Raley	3836	Bowman	3	45 58	103 08	2695		MID	J. E. Crawford	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Bankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Dffice	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charlns E. Dinber	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Raynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John H. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Sbaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	48 15	102 39	2610		MID	O. J. Gerbracht	C
Billsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wnlls	5	47 27	99 55	1915		MID	Rutb Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Bospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Bospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kennnth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlifs Rnf.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Krstschmar	C
Kulm	4843	La Moure	5	48 18	98 57	1970		6P	John Stroehl	3
Langdon Eap. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schanfer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	8P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Josnph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Lnonard P. Malons	2 3 5
Lisbon	5220	Ransom	11	46 26	87 42	1089	5P	5P	N.D. Soldiers Bome	2 3 5
Litcbville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Rdrvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. Scbool	5434	Bnnson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr 8cb	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmartb	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmartb M.D.D. Co.	5575	Blope	7	46 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5610	Sberidan	11	47 50	100 07	1610		5P	Elroy E. Kemsler	3
Max	5638	McLean	8	47 49	101 18	2083	8A	8A	R. B. Schafer	2 3 5 7
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. 8cbielke	2 3 5 7
McGregor R R 8tation	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McBenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Ricbland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	99 19	1785		6P	Rudolpb Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	D.B. Natl Park 8nrv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Anro Adm	2 3 5 7
Minot Eap. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 C
Moffit 4 8E	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.8. Fish & W.L.Snr	2 3 5
Mohall	6025	Rnnville	12	48 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Ranson	3
Mott	6155	Bnttingnr	1	46 23	102 20	2420	SS	S8	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1956	6P	6P	Alvin H. Scbuchard	2 3 5 7 C
Nnw England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selingnr	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Ricbard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Ganbn	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Vnntsch	2 3 5 C
Noonan	6455	Dividn	12	48 53	103 01	1960		6P	George Kostek	3
Northgatn	6535	Burkn	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Renry L. Erickson	3
Dakns	6620	Dickny	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Psmbina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Psttibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Rauh	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Holtan	2 3 5
Rseder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	7A	7A	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Jobnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Rydnr	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	8P	N.D. State Hospital	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Rugh Lyon	2 3 5 7
Shnrwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Dzone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renvilln	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McBenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	GoldenValley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John D. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Scbocb	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Dcbsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarencn W. Jobnson	2 3 5
Upham 3 N	8813	McBenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Rnf.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Vnrona	9035	La Moure	5	46 22	98 06	1382		6P	Warren D. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walballa	9155	Pnmbina	9	48 55	87 55	950		6P	Felia A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnnon	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 8	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weathnr Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLnan	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	5P	5P	Carl Eissinger	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Dla Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Ricbland	10	46 28	96 47	935		6P	Helmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Dlson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Hnart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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DECEMBER 1956
Volume LXV No. 12

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ASHEVILLE: 1957

NORTH DAKOTA - DECEMBER 1956

WEATHER SUMMARY

December was mostly mild and dry. Afternoon temperatures were above freezing on about ten days over the east and about fourteen days over the west. Freezing rain and drizzle made the highways slippery on several days. Livestock continued in good condition.

December began with very mild temperatures. Maximums on the 1st and 2d were mostly in the upper 40's and lower 50's. Except in the southwest, most stations registered their highest temperatures for the month on the afternoon of the 2d. On the late evening of the 2d and the early morning of the 3d, a cold front moved across North Dakota, dropping temperatures to twenty degrees or more below seasonal. Many stations over the western third of the State registered their coldest temperatures for the month on the 6th or 7th. Warm air returned to the State on the 9th and 10th. Most stations over the southwestern quarter of the State registered their warmest temperatures for the month on the 10th. The highest temperature for the State, 58 degrees, occurred at Fort Yates, Linton, Mandan Fort Lincoln Park, Medora 3 NNE, and Mott on the 10th. A fast-moving storm crossed the State late on the 10th followed by sub-zero temperatures for several mornings. Devils Lake registered 18 degrees below zero on the 12th. Temperatures on the 14th and 15th rose to near seasonal. Arctic air flowed over the State on the 16th. Minimum temperatures on that date were generally below zero. The 17th was very cold over most of the State. Maximums on that date ranged, in general, from near zero over some eastern counties to the upper teens over the northwest. Most stations over the eastern two-thirds of North Dakota registered their lowest temperatures for the month on the 17th. The monthly minimums were mostly between 13 degrees and 20 degrees below zero over the southern half of the State and between 20 degrees and 30 degrees over the northern half. The coldest temperature for the State, 36 degrees below zero, occurred at Belcourt Indian Reservation on the 17th. Mild weather returned on the 18th and continued to the end of the month. Monthly mean temperatures ranged from 6.9 degrees at Munich 4 SW to 25.0 degrees at Hettinger. Monthly mean temperatures were higher than the long term means at all stations except Portal. Monthly temperature departures ranged from -0.8 degrees at Portal to +6.6 degrees at Ellendale. Temperatures averaged several degrees above the long term means over most south central counties.

Light precipitation, mostly snow, fell on many days. The most generous snows fell on the 10th, 13th, and 16th. Precipitation totals ranged from only light sprinkles and snow flurries at Sentinel Butte 20 S to 1.41 inches at Cavalier. Precipitation was distributed very unevenly over the State but in general, the totals at most stations over the northern half of the State exceeded a half inch and most southern stations received less than a half inch. The northern sections and the west central section received more than average precipitation for December. Most stations over the other sections received less than their long term means. Snowfall exceeded three inches over most northern counties, over the extreme east central, and southeast. Some counties in those areas received more than five inches. The greatest monthly total, 10.0 inches, fell at Westhope.

The mild open weather was favorable for outdoor chores and helped the cattle and sheep to continue in good condition. The grass was mostly short and of poor quality but the ranges were generally free from snow and grazing was possible where grass was available. Stockmen supplemented range feed with hay, grain, and commercial concentrates. Hay, roughage, and grain supplies were expected to be adequate for the remainder of the winter except in the southwest where the poor hay crop was being supplemented with feed purchased from other areas. Stock water supplies were short on some southwestern ranches and some stockmen in that area were reducing their herds to stretch their feed and water supplies.

Strong winds over western North Dakota on the 10th and over the rest of the State on the 11th caused considerable blowing dust and blowing snow. The wind reached 61 miles per hour at Bismarck on the 10th and 58 miles per hour at Bismarck and at Fargo on the 11th. Visibility in the open country in some eastern localities was reduced to near zero at times on the morning of the 11th. Glaze formed on the streets and highways in the Devils Lake area on the 10th, 28th, and 29th. Hard rime and glaze on telephone wires disrupted some long-distance circuits in the Devils Lake vicinity on the 21st and 22d. Freezing rain or drizzle glazed outdoor objects in the Fargo area on ten days during December. The icy highways became hazardous. Glaze slowed transportation in other parts of the State on several days.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	15	11.2	61	NW	10	79	78	67	77	5	12	0	0	0	0	17	48	7.6
DEVILS LAKE WB CITY	–	–	8.7	40	NW	11	–	–	–	–	15	9	1	0	0	0	25	43	7.3
FARGO WB AIRPORT	N	18	15.7	58	W	11	78	79	75	77	12	10	0	0	0	0	22	46	7.1
WILLISTON WB CITY	–	–	7.1	47	NW	10	–	71	64	67	3	9	2	0	0	0	14	46	7.9

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
NORTHWEST DIVISION																								
BOWBELLS		25.2	6.1	15.7		50	2	-29	6	1528	0	17	30	11	0.80		0.35	10	5.0	4	11+	4	0	0
CROSBY		26.1	6.2	16.2	2.4	50	2	-27	6+	1511	0	17	31	11	0.43	0.02	0.18	10	6.8	5	13+	1	0	0
FOXHOLM 7 N		27.4	7.1	17.3	2.9	51	2	-29	17	1474	0	16	29	11	0.39	- 0.02	0.20	10	4.2	2	10+	1	0	0
GRENORA		28.5	7.7	18.1		49	2	-32	6	1448	0	14	30	9	0.42		0.20	9	6.4	3	6+	2	0	0
KENMARE	AM	25.8	6.0	15.9		51	3	-26	6+	1518	0	16	30	13	0.71	0.25	0.26	10				4	0	0
LOSTWOOD 12 N		26.8M	4.8M	15.8M		49	2	-25	6	1536	0				D 0.33		D 0.10	5				1	0	0
MINOT CAA AP		26.8	9.0	17.9		51	2	-20	17	1458	0	17	29	11	0.50		0.11	10	4.0	2	16+	1	0	0
MINOT EXP STATION	AM	26.3	7.5	16.9		51	3	-20	7+	1486	0	16	30	12	0.37		0.12	28	4.3	2	10+	1	0	0
MOHALL		23.9	5.6	14.8	2.2	50	2	-26	6	1555	0	18	29	12	0.46	0.02	0.25	10	4.3	3	10+	1	0	0
NEWTOWN		28.8	9.0	18.9	4.3	50	10	-24	17	1422	0	14	30	9	0.35	- 0.04	0.10	10	3.5	2	16+	1	0	0
PARSHALL		28.8	7.4	18.1		48	2+	-23	17	1449	0	17	31	10	0.42	0.14	0.15	10	3.5	2	16+	1	0	0
PORTAL	AM	20.5M	1.4M	11.0M	- 0.8	49	3	-34	6	1699	0	18	31	15	0.71	0.27	0.25	10	9.0	9	16+	4	0	0
POWERS LAKE 1 N		27.5M	5.4M	16.5M		46	2	-29	6	1487	0	18	31		0.54		0.25	10				2	0	0
STANLEY		27.0	7.6	17.3		50	26	-21	6+	1473	0	17	31	10	0.52		0.20	10		2	16+	1	0	0
TIOGA 1 E	AM	25.9M	4.9M	15.4M		47	10+	-25	7	1529	0	16	31	11	0.32		0.16	10				1	0	0
WILLISTON WB CITY	R //	29.0	10.2	19.6	3.9	48	1+	-24	6	1401	0	18	28	9	0.51	- 0.03	0.14	3	5.2	3	10	2	0	0
WILLISTON EXP FARM		27.1M	6.0M	16.6M				-27	6+	1498	0	14		10	0.36		0.10	3				1	0	0
DIVISION				16.6	3.0										0.48	0.08			5.1					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		21.0	0.4	10.7		43	1+	-36	17	1680	0	18	31	18	0.32		0.13	10	3.7	3	10+	1	0	0
BOTTINEAU	AM	20.1	1.0	10.6	0.4	40	19	-27	17	1684	0	20	31	16	0.28	- 0.12	0.05	10+	2.8	7	11+	0	0	0
DRAKE	AM	25.9	7.9	16.9	3.6	52	3	-21	17+	1483	0	18	31	10	0.54	0.17	0.23	28				2	0	0
ECKMAN 2 SE	AM	23.7	2.5	13.1	1.9	48	3	-28	17	1609	0	19	31	13	0.55		0.19	28				3	0	0
GRANVILLE		27.3	7.4	17.4	3.4	54	2	-23	17	1474	0	17	31	12	0.68	0.27	0.26	27	4.5	4	16+	3	0	0
LEEDS		23.3	3.9M	13.6M		40	1+	-29	17	1595	0	19	31	14	0.64		0.34	10	5.0	3	12+	3	0	0
MADDOCK AGR SCHOOL		25.7	6.5	16.1	3.7	45	2	-24	17	1508	0	16	31	12	0.62	0.22	0.30	13				2	0	0
ROLLA		20.8	2.6	11.7		47	1	-23	17	1649	0	19	31	17	0.64		0.23	10	6.6	7	22+	3	0	0
RUGBY		23.7	6.5	15.1		42	18	-25	17	1543	0	17	31	12	0.73	0.20	0.28	10	6.0	6	16+	4	0	0
SAN HAVEN		22.8	3.8	13.3	1.9	46	2	-25	17	1600	0	18	31	15	0.49	0.09	0.13	10	5.9	6	16+	2	0	0
TOWNER		24.5	6.2	15.4	2.9	46	2	-27	17	1534	0	18	30	13	1.03	0.50	0.45	27		6	14+	3	0	0
UPHAM 3 N		24.3	4.5	14.4		45	2	-30	17	1564	0	18	31	13	0.59		0.12	10	5.5	5	15+	2	0	0
VELVA	AM	27.6	8.0	17.8	2.5	53	3	-23	17	1456	0	16	30	10	0.57	0.11	0.22	28	4.4	2	10	2	0	0
WESTHOPE		21.6	2.9	12.3	1.4	45	2	-28	6	1631	0	19	31	14	0.68		0.28	10	10.0			2	0	0
WILLOW CITY		22.3	0.7M	11.5M	1.5	42	2	-32	17	1672	0	18	31	15	0.23	- 0.28	0.12	10	3.9	3	10+	1	0	0
DIVISION				14.0	2.2										0.57	0.11			5.3					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		24.0	0.1	12.1		47	2	-30	17	1641	0	21	31	17	0.71		0.27	10	5.0			2	0	0
BISBEE		20.8	2.8	11.8		42	2	-24	17	1644	0	19	31	16	0.62		0.28	10	5.9	5	16+	3	0	0
CAVALIER		22.1	2.1	12.1		45	2	-23	17	1638	0	21	31	17	1.41		0.90	16	7.1	4	16+	2	1	0
DEVILS LAKE WB CITY	R //	22.7	5.6	14.2	3.0	42	10	-22	17	1574	0	21	31	13	0.74	0.26	0.41	10	8.6	5	16+	1	0	0
EDMORE 1 W		22.5	1.6	12.1		40	1+	-26	17	1634	0	19	31	17	0.44		0.16	10	7.5	6	15+	2	0	0
GRAFTON		22.3M	2.4M	12.4M	1.1	47	20	-22	17	1634	0	21	31	16	0.58	- 0.02	0.09	10+		10	16+	0	0	0
GRAND FORKS CAA AP	R	22.5	3.7	13.1		46	2	-22	17	1603	0	22	31	14	0.67		0.14	10	7.8	3	11+	2	0	0
GRAND FORKS UNIVERSITY		23.0	3.8	13.4	1.9	47	2	-23	17	1593	0	20	31	15	0.63	0.01	0.23	10		5	23+	1	0	0
HANNAH		20.1	1.3	10.7		40	2	-29	17	1681	0	21	31	17	0.65	0.23	0.27	10	7.3	5	16+	3	0	0
HANSBORO		22.4M	1.9M	12.2M	1.7	42	2	-27	17	1633	0		31		0.20	- 0.13	0.11	10	5.4	4	16+	1	0	0
LANGDON EXP FARM		20.2	1.1	10.7	1.4	40	2	-27	17	1682	0	22	31	18	0.85	0.29	0.19	11	8.7	5	16+	3	0	0
LARIMORE		25.0	3.3	14.2	1.7	48	2	-23	17	1572	0	17	30	16	D 0.90	0.43	D 0.30	23				3	0	0
MC VILLE		23.9	5.0M	14.5M		44	2	-24	17	1562	0	19	31	13	0.39		0.20	10	8.0	4	11+	1	0	0
MUNICH 4 SW		18.7	- 5.0	6.9		39	1+	-34	17	1803	0	23	31	19	0.54		0.11	10	6.5	4	14+	2	0	0
PARK RIVER		22.8	4.8	13.8	2.2	44	2	-23	17	1583	0	21	30	13	0.75	0.35	0.34	10	7.2	4	10+	2	0	0
PEMBINA 2 N		21.1M	1.8	11.5M		43	1+	-28	17	1640	0	20	31	17	0.55	0.15	0.27	16		5	16+	2	0	0
PETERSBURG		23.2	4.5	13.9		46	2	-24	17	1580	0	19	31	12	0.37	- 0.06	0.08	10	4.7	3	16+	0	0	0
DIVISION				12.3	1.7										0.65	0.16			6.9					
WEST CENTRAL DIVISION																								
BEULAH	AM	31.2	9.6	20.4		52	3	-20	7+	1377	0	16	29	10	0.11		0.06	22				0	0	0
BUTTE	AM					53	3				0				0.15		0.10	28	5.0	4	14+	1	0	0
CENTER		31.8	9.0	20.4		53	10	-20	17	1374	0	13	31	9	0.52		0.15	27		1	16+	3	0	0
DUNN CENTER 2 SW	AM	30.0	10.3	20.2	2.5	50	2	-18	7+	1385	0	15	31	10	0.40	0.13	0.12	28	3.4	2	4+	1	0	0
GARRISON	AM	27.1M	9.1	18.1M	3.1			-20	17	1460	0	17	29	9	0.47	0.03	0.16	10	4.7	2	10+	2	0	0
MAX	AM	26.8	8.0	17.4	4.2	49	3	-18	17	1471	0	17	30	11	0.65	0.29	0.30	10	3.7	2	16+	2	0	0
RAUB 10 SSW		30.6M	10.6M	20.6M						1364	0	14		9	0.18		0.07	16		1	13+	0	0	0
RIVERDALE	AM	28.6	10.5	19.6		50	11	-18	17	1401	0	17	30	9	0.29		0.07	10	1.8	1	10+	0	0	0

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE	29.5	7.8	18.7		49	10	-20	17	1430	0	13	31	9	0.51		0.23	27				1	0	0
UNOERWOOD AM	27.9M	8.3M	18.1M		50	11	-18	17	1450	0	17	31	10	0.52		0.15	28				2	0	0
WASHBURN	31.8	12.1	22.0	5.1	53	10	-15	17	1327	0	13	29	8	0.28	- 0.04	0.10	27				1	0	0
WATFORO CITY	31.5	9.8	20.7	3.0	51	1	-25	6	1369	0	12	31	9	0.89	0.40	0.27	10				4	0	0
WATFORD CITY 14 S	34.3M	10.2	22.3M		53	1	-25	7	1315	0	11	28	8	0.29		0.06	3	6.0	2	4+	0	0	0
WILTON	31.0M	11.5M	21.3M		50	2+			1315	0		31		0.47		0.22	27				1	0	0
OIVISION			20.0	4.3										0.41	0.05			4.1					
CENTRAL DIVISION																							
CARRINGTON AM														0.24	- 0.17	0.15	10		2	10	1	0	0
FESSENOEN	28.7	9.1	18.9	5.7	50	2	-19	17	1422	0	14	31	8	0.38	- 0.15	0.18	10	1.7	1	16+	1	0	0
JAMESTOWN CAA AP R //	28.2	9.5	18.9		52	2	-17	17	1426	0	17	30	9	0.15		0.04	10+	1.6	1	14+	0	0	0
JAMESTOWN STATE HOSP	29.4	10.5	20.0	5.0	50	10	-16	17	1391	0	15	29	8	0.13	- 0.35	0.06	14	3.0			0	0	0
KENSAL WILOLIFE REFUGE	29.1	9.2	19.2		51	2	-20	17	1416	0	14	30	8	0.19		0.11	10				1	0	0
MC CLUSKY	28.2	6.5M	17.4M	2.8	48	2+	-19	17	1487	0	15	31	9	0.61	0.10	0.13	14	3.0	2	14+	3	0	0
MC HENRY 5 N	24.7	4.8	14.8		43	1+	-25	17	1550	0	17	31	14	0.29		0.10	10	2.9	2	10+	1	0	0
PETTIBONE	27.9M	8.4M	18.2M	4.8	49	2	-15	8	1449	0		31		0.25	- 0.13	0.08	10+		1	14+	0	0	0
STEELE	31.3	9.8	20.6	5.9	54	2	-18	17	1373	0	14	30	9	0.23	- 0.09	0.12	14	4.0	3	14	1	0	0
OIVISION			18.5	4.9										0.27	- 0.17			2.7					
EAST CENTRAL OIVISION																							
AMENIA	28.5	8.0M	18.3M		49	2	-19	17	1439	0	17	31		0.31		0.10	10	4.0	1	14+	1	0	0
COOPERSTOWN		4.7M					-23	17		0		31	12	0.39	- 0.18	0.28	10	4.7	3	16+	1	0	0
FARGO WB AP R //	25.5	7.8	16.7	3.8	49	2	-19	17	1494	0	21	31	10	0.31	- 0.29	0.09	14	3.2	1	14+	0	0	0
HILLSBORO	25.5M	6.8M	16.2M	3.2	50	2	-20	17	1487	0	18	31	12	0.56	- 0.01	0.20	10	5.5			3	0	0
MAYVILLE	26.2	6.8	16.5	3.0	51	2	-22	17	1499	0	18	30	11	0.67	0.18	0.19	10	7.1	4	13+	3	0	0
SHARON	24.3	5.3	14.8	3.1	45	1+	-23	17	1550	0	17	31	14	0.45	- 0.07	0.24	10	7.1	3	13+	1	0	0
VALLEY CITY	29.7M	9.8	19.8M	4.4	49	2	-18	17	1390	0	16	30	7	0.23	- 0.28	0.12	14				1	0	0
OIVISION			17.1	4.1										0.42	- 0.11			5.3					
SOUTHWEST OIVISION																							
AMIOON AM	35.1	13.1	24.1		56	11	-17	7	1260	0	12	29	9	0.02		0.02	12	T	T	4+	0	0	0
BEACH AM	34.8	12.2	23.5		53	11	-17	7	1279	0	11	30	8	0.23		0.05	14		1	5+	0	0	0
BELFIELO	33.5	12.2	22.9		55	10	-17	7	1299	0	11	28	9	0.26		0.08	18		1	3+	0	0	0
BOWMAN COURT HOUSE	35.4	13.7	24.6	3.4	55	10	-19	7	1249	0	9	30	6	0.25		0.15	13				2	0	0
OICKINSON CAA AP R //	33.5	12.6	23.1		57	10	-16	7	1293	0	13	29	8	0.19		0.06	12	1.9	1	12+	0	0	0
OICKINSON EXP STATION AM	34.2	10.7	22.5	5.0	56	11	-20	7	1314	0	13	29	9	0.03	- 0.29	0.01	10+				0	0	0
FAIRFIELO	31.3	11.6	21.5		51	10	-18	7	1345	0	12	29	8	0.22		0.07	10	1.5	1	3+	0	0	0
HETTINGER	35.0	14.9	25.0	3.7	56	10	-16	7	1233	0	10	29	7	0.06	- 0.17	0.02	5+		1	6+	0	0	0
MARMARTH					57	10	-14	7		0		28	5						T	13			
MEOORA 3 NNE	37.6	10.5M	24.1M		58	10	-25	7	1281	0	10	29	8	0.20		0.08	11	1.6	1	4+	0	0	0
MOTT	35.8	10.1	23.0	3.2	58	10	-22	7	1295	0	11	30	8	0 0.22	- 0.08	0.10	14	1.5	2	14+	1	0	0
NEW ENGLANO	35.6	11.9	23.8	3.9	57	10	-21	7	1272	0	11	28	8	0.23	- 0.15	0.11	13		2	13+	1	0	0
RICHAROTON ABBEY AM	32.3	11.7	22.0	2.8	55	11	-15	7+	1329	0	12	29	9	0.30	- 0.06	0.06	22	2.8	1	7+	0	0	0
OIVISION			23.3	3.5										0.18	- 0.14			1.6					
SOUTH CENTRAL OIVISION																							
ALMONT 7 SW	32.9	12.4M	22.7M		56	10	-14	7+	1314	0	12	28	9	0.21		0.08	22	2.5	1	13+	0	0	0
BISMARCK WB AP R //	30.3	10.9	20.6	5.1	56	10	-15	17	1369	0	16	31	8	0.26	- 0.14	0.05	13+	2.3	1	13+	0	0	0
CARSON NO 2 AM	31.3M	11.2M	21.3M	2.7	57	11	-18	17+	1343	0	15	30	9	0.29	- 0.06	0.14	13	3.5	2	13+	2	0	0
FORT YATES AM	36.6M	12.9M	24.8M	5.7	58	11				0	14		7	0.06	- 0.19	0.05	14				0	0	0
LINTON	33.4	10.8	22.1	5.3	58	10	-19	17	1326	0	13	31	8	0.29	- 0.02	0.12	13		2	13+	1	0	0
MANOAN EXP STATION AM	30.6	11.8	21.2	5.0	56	11	-16	17	1352	0	16	30	9	0.09	- 0.28	0.03	22	1.9	1	10	0	0	0
MANOAN FT LINCOLN PARK	32.4	10.0	21.2		58	10	-18	17	1352	0	13	31	9	0.21		0.06	14	2.0	1	14+	0	0	0
MOFFIT 4 SE	31.8	10.6	21.2		56	10	-21	17	1350	0	14	30	7	0.20		0.08	27	1.7	1	14+	0	0	0
NEW SALEM 1 S	32.3	10.5	21.4	3.8	54	10	-15	17	1345	0	13	30	9	0.23	- 0.07	0.06	4+	2.4	1	7+	0	0	0
OIVISION			21.8	4.1										0.20	- 0.12			2.3					
SOUTHEAST OIVISION																							
ASHLEY	31.1	10.1	20.6	5.0	54	2	-17	17	1369	0	13	30	7	0.22	- 0.06	0.10	14	2.0	2	14+	1	0	0
EOGELEY EXP FARM AM	30.3	10.7	20.5	5.4	51	3+	-19	18	1375	0	17	31	8	0.39	0.05	0.17	14	4.0	3	14+	2	0	0
ELLENOALE	33.0	12.7	22.9	6.6	52	2	-13	17	1300	0	13	28	7	0.33	- 0.18	0.11	6	3.5	2	6+	2	0	0
ENOERLIN AM	28.0	8.5	18.3		50	3	-17	17+	1443	0	16	31	10	0.20		0.16	14	4.0			1	0	0
FORMAN	30.2	10.9	20.6		48	2	-17	17	1375	0	14	31	7	0.34	- 0.18	0.13	6+				2	0	0
FULLERTON	32.0	11.2	21.6	5.1	51	2	-16	17	1338	0	14	29	7	0.47	- 0.31	0.28	6	4.3	3	6+	2	0	0
GACKLE	29.4	9.6	19.5		54	10	-18	17	1405	0	15	31	7	0.31		0.25	27	2.5	2	14+	1	0	0
GRANO RAPIOS 1 N	31.3	9.3	20.3		52	2+	-18	17	1377	0	14	29	9	0.53		0.27	14		4	14+	2	0	0
HANKINSON R R STATION AM	30.0M	10.1M	20.1M	4.5	50	21	-15	18	1386	0	18	31		0.18	- 0.41	0.13	6				1	0	0
LISBON	28.7	8.5	18.6	3.4	47	2	-20	17	1435	0	15	30	9	0.33	- 0.18	0.30	14	8.4			1	0	0
MC LEOO 3 E	31.1M	6.7M	18.9M	4.0	49	2	-20	17	1408	0	16		10	0.27	- 0.20	0.18	6	8.0			1	0	0
NAPOLEON	30.6	10.4	20.5	5.2	54	10	-20	17	1372	0	14	31	10	0.34	- 0.03	0.15	14		2	14+	2	0	0
OAKES AM	29.3	10.0	19.7	4.7	49	3	-18	8	1399	0	17	31	8	0.44	- 0.06	0.18	14	4.5	3	6+	2	0	0
WAHPETON STATE SCHOOL	30.8	8.8	19.8	3.8	50	2	-18	17	1394	0	15	31	10	0.57	- 0.04	0.23	6	9.7	4	6+	2	0	0
WISHEK AM							-22	17		0	16												
OIVISION			20.1	4.5										0.35	- 0.12			5.1					

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
DECEMBER 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	.54				T	.04	.07				.02	T			.28	T	T						T	.08	.01				T	.04		T
ADAMS 7 S	.70			.02	.02		.10				.35			.03	T		.10					T	T	T	.01						.03	.04
ALEXANDER	.87				.05	.14					.20	.24	.02		.05		.01	.02			.04		.02	.02				.06				
ALMONT 7 SW	.21			T	T	.01	T	.01			.02	.01	T	.07	T		T						.08					.01	T			
AMBROSE 3 N	.50				.06	.04			T		.16	T		.09	.02	T	.10											.03	T			
AMENIA	.31					.02					.10				.05		.02							.06						.04		.02
AMIDON	.02				T	T					T		.02		T		T	T		T				T	T				T			
ARVILLA STATE PARK	.71				.02	.01	.03				.27	.01		.05	.02		.04					T	T	.22					.01	.03		T
ASHLEY	.22				T	T	.01	.02			.01	T	.02		.10	T	T							T				T	.06			
BALTA	.52			T	.04					T	.22	.04		.06	T	.01	.08				T	.03						.04				T
BANTRY	.33					.05		T				.06		T	.05														.17			
BEACH	.23			.01	T	.01		T		T	.02	.03	.02	T	.05	T	.04	.01		.04				T					T			
BELCOURT INDIAN RES	.32			T	T	T	T	T		.02	.13	.04		T	T	T	.07					T	.06						T			T
BELFIELD	.26			.07	T	T	T				.06	T	.03	T	T	T	T	T	.08	T			T	T				.02	T			
BERTHOLD	.36			.02	.01	.02	.01				.11	.04		.03			.04						.04					.04				T
BEULAH	.11					T					.01					.02							.06						.02			
BISBEE	.62				T					T	.28	.13		.05			.13						.03						T	T		
BISMARCK WB AP R//	.26			.01	.02	.03	.01	T			.01	T	.01	.05	T	.01	.01					T	.05					.03	.02			T
BISMARCK 12 ENE	.09				.01	T	T				T			T	.01			.01					.02						.04			
BOTTINEAU	.28				T	.02	.02	T		.03	.05	.05	T	T	.02	.01	.03						.05	T			T		T			
BOWBELLS	.80					.10	T				.35	.09		T	T	T	.10					T	T	T				.16				T
BOWMAN COURT HOUSE	.25				T	T			T			T	.10	.15	T																	
BOWMAN 9 SE	-	-	-	-	-	-	-	-			.11		T																			
BOWMAN 30 NNW	.13					T		.02					.05	.06																		
BURT 16 N	.14					T	.01							.11									T					.02				
BUTTE	.15			T	T	.01	T	T			.01	T		.01	.01								.01					T	.10			
CARRINGTON	.24			T	T	.02	T	T			.15	T		T	.03		T	.02						.01					.01			T
CARSON NO 2	.29				.01		.04							.14	T								.10					T				
CAVALIER	1.41				T	.02		.02			.20	.09		.01		.01	.90	T					.09	T		T				.06		.01
CENTER	.52			.05		T					T		T	T	.06		.04						.10					.15	.12			
COLGATE	.10				T						.09				.01																	T
COLUMBUS	.41			.05		.13		.02			.10			.01			.02											.08				
COOPERSTOWN	.39			T	T	T	T	.02			.28	T		.02	T		.03	T					.02	.02					T	T		T
COURTENAY	.18			T		T								.18								T	T	T								
CROSBY	.43			.02	.02	.03	T	.02		T	.18	T		.05		.04							T					.07				T
DEVILS LAKE WB CITY R//	.74		T	T	.03	.01	T	.01		.02	.41	.03	T	.09	T	.02	.07	T		T		T	.05	T	T			T	T	T	T	T
DICKINSON CAA AP R//	.19			.03	T	T	T	T		.01	T	T	.06	.01	.01	.01	.02		T				.04					T				
DICKINSON EXP STATION	.03			T	T	T	T	T			.01	.01	T	T	.01	T		T					T		T				T			
DONNYBROOK	1.33			T	.10	.68	T				.25		.05	.05	T		.03						.09					.08				T
DRAKE	.54			T		.02	T	.02			.16	T		T	.04			.03					.04		T				.23	T		
DUNN CENTER 2 SW	.40			.02	.05	T	.01	.01			.03	.05	.03	.02	T	.02	.01	T					.03						.12			
ECKMAN 2 SE	.55				T		.02		T		.10				.14	T	.04					.06			T				.19			
EDGELEY EXP FARM	.39				.09	T	.02								.17		T												.11			
EDMORE 1 W	.44				T	T					.16	.12				.05	.05													.06		
ELGIN 5 S	.14			T	T	T	T			T	T	.05	T	.09			T						T					T				
ELLENDALE	.33			T	T	T	.11	T			T	T		.04	.08	T	T	T				T	T					.10		T	T	T
ENDERLIN	.20					T	.04								.16	T	T								T							
EPPING	.51			.11	T	.02	.02				.15	T	.01	.04	.05	.02	.02		T				.02					.05				
FAIRFIELD	.22			.03	.01	T	T				.07	T	T	T	T	T	T	T	.06				.02					.03	T			
FARGO WB AP R//	.31		T	T	T	.03	.02	T			.03	.01	T	.03	.09	T	T		T			T	.01	.05	T				T	.03	T	.01
FESSENDEN	.38		T	T	T	.02					.18			.02	T		.05					.06						.05				
FLASHER	.17										T	.02	T		.15							T										
FLAXTON	.70			.02	.01	.06	T	.02		T	.22	.10		.05	T	.07	T					T	.02					.13				T
FORBES 13 NW	.36			T	T	.05	.05						T	T	.06	T												.20	T			
FORMAN	.34			T			.13				T				.13	.02							T					.06				
FORT YATES	.06			.01											.05																	
FOXHOLM 7 N	.39			T	T	.04	T	T	T		.20	T		.03	T		T						.08					.04				T
FULLERTON	.47			.01	T	.02	.28							T		.02												T	.14			T
GACKLE	.31			T			.02					T		T	.04							T	T					.25	T			
GARRISON	.47				.04	T	T	T			.16	T		.01	.04	T	.10						.05						.07			
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDEN VALLEY 10 S	.21		T	.06	T																	T	.02				T	.10	.03			
GRAFTON	.58				T	.03	.01	T			.09	.09		.08		.05	.07		T	T			.05	.05					.02	.04		
GRAND FORKS CAA AP R	.67		T	T	.03	.06	T	.01			.14	.06	T	.06		T	.07		.01				.09	.11					.01	.02	T	T
GRAND FORKS UNIVERSITY	.63		T	T	.01	T	T	.01			.23	.05	T	.07		T	.04		.03				.04	.09					T	.06		T
GRAND RAPIDS 1 N	.53			T	T	T	.06								.27	.03												.13	.04			
GRANVILLE	.68			T	T	T	T				.20	.10		.05	T		.07						T					.26	T	T		
GRASSY BUTTE 10 N	.74			.05	.10			T				.10	.28	T	T		T		.01	T									.20			
GRENORA	.42				T	.03	.19			.20				T																		
HAGUE	.04			T	T	T	T				.01		T	T		T		T					T	T	T			.01	.02			
HALLIDAY	.10			.01	T	T	T				.05		T	T		.02	T											.02				
HANKINSON R R STATION	.18					T	.13								.05								T							T		
HANNAH	.65				T	T			T	T	.27	.11		.01		.03	.13						.01						T	.09		T
HANSBORO	.20				T	T		T			.11	T		T			.05						.02						T	T		.02
HARVEY	.82											.40		.06			.04							T				.29	.03			
HETTINGER	.06				T	.02	.02						.02	T																		
HILLSBORO	.56			T	.02	.03					.20	.01		.03		T	T			.10		T	T	.07					T	.10	T	T
JAMESTOWN CAA AP R//	.15			T	T	.03	.03	T			.04		T	.04	T	T	T	T	T			T	T	.01				T	T	T		T
JAMESTOWN STATE HOSP	.13			T	T	.02					T	T		T	.06													.05				
KEENE 2 S	.37			.14							.08	.02	T	.03									.03					.07	T			
KENMARE	.71			T	.01	.01		.03			.26	.12			.07								.10						.11			T
KENSAL WILDLIFE REFUGE	.19			.02	.02						.11				.04								T									
KILLDEER 8 NW	.69			T	T	.10					.30	.10				T							T					.19				
KULM	.35			T		T	.05								.17							T	T					.12	.01			
LANGDON EXP FARM	.85				T	.04		.02		.02	.15	.19		.03	T	.03	.09					T	.11						.07	.07		.03
LANSFORD	.83			.02	.03	.08	T				.26			.13		T	.08					T	.13	T				.10	T			T
LARIMORE	D .90					D .08	T				D .20			.14			.08						D .05	D .30						.05		T
LEEDS	.64										.34		.16				.14															
LEFOR 10 E	.23			.01		T					T			.11	.04		.03						.04					T				
LINTON	.29			T	T	.05	T				.01	.03	.02	.12	T	T	T					T	T	T	T			.01	.05			
LISBON	.33				T	T	.03				T				.30	T								T				T		T		T
LITCHVILLE	.14				T	T	T	T							.11	.01												.02				T
LOSTWOOD 12 N	D .33		T	D .05		D .10	.03					.09		.01			T						.01					.03				.01
MADDOCK AGR SCHOOL	.62			T	T	.01				T	.24	T		.30			.04						.03					T	T		T	T
MANDAN EXP STATION	.09			T	T	.02		T			.01	T	T	T	.01	.01	T						.03						.01			
MANDAN FT LINCOLN PARK	.21			T	.02	.01	.02	.01				T	T		.06	.03	T	T					.03					.03	T			
MARMARTH	-										-		-	T																		
MARTIN	.46				T		T	.03				T			.09					T							T		.02	.32		
MAX	.65			T	T	T		T			.30	T		.03	T	.03	.08						.05					T	.16			
MAYVILLE	.67				.06	.04	.01	T			.19	.03		.17	T		.13	T		T			T	.02	T				T	.01	T	.01
MC CLUSKY	.61			.06	.03	.06			.02		.11			.03	.13		.04						.03					.10				
MC HENRY 5 N	.29			.01	T	.02	.03	.02			.10			.03			.02						.03	.02					T	.01		T
MC LEOD 3 E	.27			T	T		.18								.08									.01								T
MC VILLE	.39		T		T	.02	.02	.02		T	.20	.06	T				T						.04							.03		
MEDINA	.12				T										T													.12				
MEDORA 3 NNE	.20			.03	T	T	T	T	T		T	.08	.02	.04	T	T	T						.03	T				T				
MEDORA 23 NNW	.35			T			.02			.08	T									.25								T				
MINOT CAA AP	.50			.02	.04	.02	T	T		T	.11	T	T	.06	T	.08	.01					T	.08	T				.08	T			T
MINOT EXP STATION	.37			T	.01	.02	.01	T			.08	.03		T	.01	T	.03	.01					.04	.01				T	.12			
MOFFIT 4 SE	.20			T	T	T	T	.04			T	T	T	T	.07	T	T	T				T	.01	T	T			.08	T			T
MOHALL	.46			T		.04	T	.04			.25			T		T	.06						.07		T			T	T	T		
MONTPELIER	.18			T	T	.01	T				.01	T		T	.06	.01				T			T	T		T		.09				T
MOTT	D .22				T	T	.02	T				T	.05	D .05	.10		T						T						T			
MUNICH 4 SW	.54			T	T	.10					.11	.07		.01	.03		.08					T	.07						T	T	T	.07
NAPOLEON	.34				T		T				T	.02	T	.03	.15													.11	.03	T		

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.23			T	T		T						.05	.11	.04		.03						T					T				
NEW ROCKFORD 7 WNW	.14				T	T		T			.07			.04	T								.03						T			T
NEW SALEM 1 S	.23			T	.06	T	T	.03			.02	T	T	.03	T	T	T						.06	T				T	.03			T
NEWTOWN	.35			.07	T	T					.10	T		.05			.06						.04					.03				
NOONAN	.85			.06	.05	.18					.06	.11			.03	.09	.04											.23				
NORTONVILLE	.23						T								.13													.10				
OAKES	.44				T	.02	.16					T		T	.18		.02	T					T	T	T				.06			
PARK RIVER	.75				T	.03		.03			.34	.02		.04		.02	.06					T	.02	.09	T				T	.10		
PARSHALL	.42			.07	.02	T					.15			.05		T	.07						.05					.01				T
PEMBINA 2 N	.55								T		T	.14					.27						.04						.05	.05		
PETERSBURG	.37		T		.01	.03		.02			.08	.06		.04			.02						.03	.06					T	.02		
PETTIBONE	.25			T	T						.08	T		T	.08								T					.05	.04			
PINGREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTAL	.71			T	.02	.11				T	.25	.05			.01	T	.12												.15			T
POWERS LAKE 1 N	.54				.11						.25	.05					T						.05			T		.08	T			
PRETTY ROCK	.05				T							T		.05									T									
RAUB 10 SSW	.18													.05			.07											.06				
REEDER	.35				T	.05	T				.10		.02	.11	.04				.03									T				
REEDER 14 N	.16				T							.08			.08			T														
RICHARDTON ABBEY	.30			.03	.01	.01	T	.02			.01	.02	.01	T	.02	.01	T	.03					.06	.04					.03			
RIVERDALE	.29			T	.04	T	T	T	T		.07	T		T	.05	.03	.01	T					.06	T					T	.03		
ROLLA	.64				T	.02		.01		T	.23	.12		.02	T	.04	.11					T	.09						T			
RUGBY	.73			T	.01	.01	T				.28	.11		.10	.05	.01	.12						.03					.01	T	T		T
RYDER	.38			.03	T	.02			T		.09			T	T		.05			T		T	.09					.10				
SAN HAVEN	.49		T	T	T	.04	T	.02		.07	.13	.08		T	.01	.02	.10					T	.02									
SCRANTON	.08				T	T	T				T		.08	T																		
SELFRIDGE 11 W	.14													.12		T													.02			
SENTINEL BUTTE 20 S	T				T									T									T									
SHARON	.45			T	.03	.01					.24	T		.08		T	.02					T	.02		T					T		.05
SHERWOOD 3 N	.52			T	.01	.08					.10	.07		.01			.04					T	.06					.15		T		T
SHIELDS	.19				T	T	T							.19									T					T	T			
STANLEY	.52			.06	T	.02				T	.20	.03		.03	T	.03	.05					T	.04					.04	.02			
STEELE	.23			T	.04	T	T					T	T		.12	T	T				T	T	T	T	T			.07	T	T		
SYKESTON	.36			T	.05	.03					.15												.10					.03	T			T
TAGUS	.61			.02	.03	T			T	T	.21		T	.05		T	.09						.08					.13				T
TIOGA 1 E	.32			T	T	T	T	T		.05	.16												.05					T	.06			
TOLLEY 4 NE	.26					.06	T				.10	.10		T											T	T		T				T
TOWNER	1.03									.06	.18	.29			.05													.45				
TROTTERS 6 SE	.31			.10	T		T									.06							.15	T								
TURTLE LAKE	.51			.05	T	T					.03	.01	.01	.03	.05	T	.02							.08				.23	T	T		
TUTTLE	.37			.03		.06	T				.08		T	.02	.05													.11	T	.02		
UNDERWOOD	.52			T	.04	.03	.02	.02			.11				.07	.01	.02						.05						.15			
UPHAM 3 N	.59			T	T	.04	.01	.05		.02	.12	.05		.05	T	.04	.04						.01					.10	.06			
VALLEY CITY	.23			T	T	T	T				.09	T		T	.12	T	.01							.01						T		T
VELVA	.57			T	T	.03	T	.03			.13	T		.05	.04		.03	T					.04	T	T			T	.22			T
VERONA	.25				.03							T			.19													.03	T			
WAHPETON STATE SCHOOL	.57			T	T	T	.23								.19	.02	T	T						.06	.04				T	.03		
WALHALLA	1.00				T						.33	.20		.02		.03	.20						.09		.02				.09			.02
WARWICK	.12			T							.12									T												
WASHBURN	.28			.03		T		T			.01		T	.04	.02	.02							.05					.10	.01			
WATAUGA S DAK 8 N	.02							.02						T																		
WATFORD CITY	.89			.10	.06						.27			.03		.04			.18									.21				
WATFORD CITY 14 S	.29			.06	.01	.02	T	T			.03	T	.02	.03		.01	.04						.04					.03				
WESTHOPE	.68			T	.03	.02	T				.28			.21			.09						.03					.02				
WILDROSE	.57				T	.18							T	T	.29	.05												.05				
WILLISTON WB CITY R//	.51			.14	.02	T	.02			.06	.11		T	.06	.01	.02	.02		.04				.01					T				
WILLISTON EXP FARM	.36			.10	.02			.01			.09			.04		.03			.05									.02				
WILLOW CITY	.23			T	T	T					.12	.07		.01	T	T	.02						.01					T				
WILTON	.47							.08			.03			.02		.08									.04			.22				
WISHEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODWORTH 5 E	.31			T	.15	T							T	.16	T													T				
ZAHL	.58			.08	T	.07	T	.02	.06		.14	.04	.02	.02	T	.01	.07		.02				T	T	T			.03				T

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	52	54	39	15	8	2	6	20	37	56	43	13	16	25	26	37	10	46	43	48	37	27	25	36	42	47	48	38	44	46	34	32.9
	MIN		34	11	6	-4	-9	-14	-5	12	27	-2	-5	-1	8	8	-2	-14	9	25	25	15	20	6	11	28	34	35	32	31	31	19	12.4
AMENIA	MAX	47	49	44	18	18	6	8	19	32	40	39	3	18	18	22	20	1	35	39	42	36	28	24	23	35	42	39	37	29	43	29	28.5
	MIN	16	28	11	9	5	-5	-8	-12	1	6	-1	-12	-2	4	1	0	-19	-12	21	20	22	22	9		10	28	28	27	25	24	-5	8.0
AMIDON	MAX	50	51	53	23	11	-3	-1	16	32	49	56	5	17	27	38	40	30	41	44	42	41	48	28	32	40	44	46	48	46	51	42	35.1
	MIN	29	30	20	10	-4	-12	-17	-10	-12	23	3	0	0	12	9	10	-8	-5	21	21	29	27	13	14	21	29	33	32	32	33	23	13.1
ARVILLA STATE PARK	MAX	45	47	37	13	11	4	1	11	25	39	22	13	7	10	21	9	-3	38	38	41	31	22	17	24	30	41	36	31	26	38	22	24.0
	MIN	7	32	5	3	0	-12	-14	-19	-11	-7	-8	-25	-12	-13	-12	-14	-30	-16	8	15	17	14	-2	-8	14	10	23	21	20	20	-4	0.1
ASHLEY	MAX	50	54	37	16	13	2	8	19	34	52	47	12	17	22	22	35	10	43	41	42	35	27	20	34	31	46	40	36	40	44	34	31.1
	MIN	19	33	10	8	1	-7	-14	-10	2	20	-2	-3	-2	10	9	5	-17	2	22	24	15	18	10	2	19	19	27	31	25	25	13	10.1
BEACH	MAX	52	51	52	17	12	-3	-3	10	28	48	53	5	20	28	39	39	35	36	43	42	46	45	29	30	41	46	48	49	42	52	46	34.8
	MIN	26	28	15	10	-6	-15	-17	-14	-3	19	3	-2	2	12	8	7	-8	-5	23	23	26	26	12	13	18	29	28	32	31	34	22	12.2
BELCOURT INDIAN RES	MAX	43	43	40	6	4	-1	-4	7	21	16	8	-6	-3	10	15	10	-8	37	37	33	30	15	21	19	36	43	38	34	34	39	34	21.0
	MIN	19	28	5	0	-5	-16	-20	-17	-3	-3	-11	-28	-27	-8	-4	-11	-36	-9	13	18	13	11	-6	-8	6	25	20	28	22	22	-5	0.4
BELFIELD	MAX	52	51	38	16	4	-1	7	23	35	55	39	14	16	38	24	16	19	41	43	47	46	33	29	40	44	47	48	42	51	46	36	33.5
	MIN	26	33	9	4	-7	-11	-17	-10	13	25	-2	-1	3	9	-4	-12	-14	10	24	26	21	20	11	12	27	31	32	33	32	36	20	12.2
BEULAH	MAX	47	51	52	22	11	6	-1	6	26	40	50	3	15	17	28	28	30	23	45	44	47	28	28	23	35	42	46	42	40	46	46	31.2
	MIN	26	26	19	6	-2	-12	-20	-20	-15	23	-2	-3	-3	7	8	10	-17	-17	18	18	15	16	14	12	12	28	27	33	31	33	26	9.6
BISBEE	MAX	36	42	33	10	7	-2	-4	5	20	21	11	0	0	15	15	10	-5	37	36	34	26	18	14	23	32	35	37	34	33	39	33	20.8
	MIN	20	23	7	3	-2	-12	-14	-16	-6	1	-11	-20	-13	-6	0	-9	-24	-7	13	19	17	12	-2	0	11	26	21	25	23	23	-15	2.8
BISMARCK WB AP	MAX	52	53	34	12	10	0	7	19	36	56	15	15	19	25	20	29	11	45	43	47	25	28	21	35	39	48	40	37	40	47	31	30.3
	MIN	20	29	12	9	-1	-8	-11	-13	19	15	-3	-4	2	7	8	-8	-15	9	20	22	15	17	14	12	24	30	27	32	26	23	9	10.9
BOTTINEAU	MAX	37	36	39	7	7	2	-5	-7	15	15	28	-3	3	8	16	13	2	18	40	32	34	24	18	16	22	33	34	36	35	34	35	20.1
	MIN	14	19	6	3	-1	-22	-22	-22	-15	-2	-6	-21	-19	0	-6	-7	-27	-25	16	17	16	16	-4	-1	9	20	14	27	26	22	6	1.0
BOWBELLS	MAX	45	50	38	6	5	-6	-3	5	25	26	10	3	3	22	19	20	5	43	40	39	32	24	23	40	41	42	37	35	38	39	34	25.2
	MIN	26	33	4	1	-6	-29	-22	-20	3	4	-14	-24	-15	-4	-7	-5	-27	4	22	30	17	10	11	14	30	30	25	31	31	29	8	6.1
BOWMAN COURT HOUSE	MAX	53	52	45	17	10	-2	10	20	37	55	48	15	13	39	33	40	20	43	43	45	44	34	29	40	44	46	49	42	50	45	37	35.4
	MIN	25	33	12	7	-9	-12	-19	-6	7	21	4	-5	3	14	11	3	-5	13	25	25	25	24	11	12	25	29	32	31	30	32	27	13.7
BUTTE	MAX			53	12	9	1	0			35	45	0	11	10			20	20	43	40	44			25		40	45	37			41	
	MIN			10	5	0	-15	-15			22	-6	-13	-6	2			-20	-16	20	28	19			6		20	28	32			14	
CARRINGTON	MAX																																
	MIN																																
CARSON NO 2	MAX	42	53	46	18	10	0	-1	8	26		57	6	13	15	28	30	38		45	46	39	28	27		38	42	48	46	38	44	46	31.3
	MIN	26	34	12	7	-8	-10	-15	-9	2	26	0	-5	0	7	9	9	-18	-18	25	27	17	15	10		18	31	28	32	32	30	22	11.2
CAVALIER	MAX	44	45	41	11	11	0	3	13	23	20	16	0	1	6	13	5	-5	36	38	40	35	21	14	24	31	43	38	32	25	38	22	22.1
	MIN	20	20	4	3	-1	-12	-9	-13	-1	-2	-8	-19	-14	-15	-5	-8	-23	-12	10	15	15	12	-1	-3	18	19	24	22	19	19	-9	2.1
CENTER	MAX	50	51	35	13	9	1	8	21	35	53	47	15	16	22	28	32	5	47	46	48	35	27	23	36	40	45	42	38	39	45	35	31.8
	MIN	18	30	8	5	-1	-11	-17	-18	4	18	-6	-7	-9	5	8	-10	-20	8	24	25	12	18	12	8	21	30	23	31	30	25	15	9.0
COOPERSTOWN	MAX	43													13	22	13	-2	43	38	40	35	24	18	22	30	39	37	35	32	39	37	
	MIN	16		8	4	1	-11	-12	-16	0	5	-5	-19	-18	-3	4	-4	-23	-8	15	22	19	16	7	-3	16	24	27	27	24	24	4	4.7
CROSBY	MAX	48	50	39	6	3	-6	-7	20	24	43	10	3	3	24	16	23	7	40	39	38	29	26	28	32	40	41	39	36	40	40	35	26.1
	MIN	23	29	3	1	-9	-27	-22	-12	4	5	-13	-22	-12	-1	-9	-6	-27	7	17	26	14	13	10	10	26	32	27	31	32	30	12	6.2
DEVILS LAKE WB CITY	MAX	39	39	32	9	6	-3	0	15	23	42	5	5	2	20	20	10	3	40	34	41	26	20	12	24	35	37	36	32	32	37	31	22.7
	MIN	25	31	4	3	-4	-12	-12	-9	4	5	-14	-18	-6	-6	4	-15	-22	3	18	23	18	12	0	-1	16	30	27	27	24	28	-10	5.6
DICKINSON CAA AP	MAX	53	52	34	16	5	-1	6	22	37	57	15	14	17	37	31	38	22	41	42	49	46	30	30	40	44	48	48	39	48	46	31	33.5
	MIN	27	29	8	4	-11	-11	-16	-3	20	11	-4	-3	8	8	7	-7	-15	21	25	27	21	20	12	12	28	29	33	32	34	27	18	12.6
DICKINSON EXP STATION	MAX	50	55	51	22	10	0	-1	7	29	52	56	4	17	17	36	37	29	30	42	47	49	43	29	30	40	42	47	48	47	49	46	34.2
	MIN	22	28	19	6	-3	-11	-20	-18	-3	25	1	-3	0	8	6	7	-17	-15	24	25	20	19	8	13	15	28	28	34	33	30	22	10.7
DRAKE	MAX	42	45	52	14	9	2	-8	1	25	32	44	0	10	7	20	23	6	22	42	42	44	25	22	22	29	37	43	37	36	39	40	25.9
	MIN	25	28	13	5	1	-14	-16	-15	-8	10	-5	-13	-10	0	4	2	-21	-21	21	21	21	20	5	8	18	29	29	32	30	30	15	7.9
DUNN CENTER 2 SW	MAX	48	50	48	15	8	2	-3	1	28	44	46	3	13	12	30	34	20	32	42	42	44	30	25	25	37	40	44	42	40	45	44	30.0
	MIN	27	32	15	6	-2	-13	-18	-18	1	25	-5	-6	0	6	4	-6	-17	-15	25	25	20	20	8	9	15	28	32	32	31	32	26	10.3
ECKMAN 2 SE	MAX	42	45	48	22	12	2	-8	-2	8	21	28	-2	3	3	21	23	1	29	40	38	38	25	22	23	28	37	38	37	39	36	38	23.7
	MIN	19	27	10	9	-2	-24	-25	-23	-19	1	-14	-24	-14	-6	-9	-9	-28	-27	16	18	14	12	8	10	10	21	28	32	31	27	8	2.5
EDGELEY EXP FARM	MAX	42	48	51	29	17	8	1	9	24	35	51	10	12	17	21	23	28	13	43	42	45	28	29	21	31	41	48	41	47	39	45	30.3
	MIN	20	31	28	9	6	-6	-10	-10	-4	10	7	-6	-4	4	3	7	-18	-19	11	24	22	22	15	7	13	24	29	31	30	27	30	10.7
EDMORE 1 W	MAX	40	40	35	10	10	3	-1	7	22	24	23	0	2	13	19	9	-5	38	38	39	36	20	15	23	28	36	35	35	30	38	36	22.5
	MIN	15	28	9	5	-3	-15	-15	-15	-5	-3	-10	-18	-12	-10	-5	-8	-26	-10	10	20	5	14	-5	-5	5	15	25	24	25	24	-8	1.6
ELLENDALE	MAX	49	52	40	20	18	8	13	23	36	49	46	12	23	19	27	36	8	40	45	47	35	32	28	26	40	49	42	38	38	45	39	33.0
	MIN	22	37	15	10	7	-4	-7	-10	-3	17	3	-3	3	7	11	6	-13	-2	26	20	26	22	13	8	17	35	29	33	30	27	11	12.7
ENDERLIN	MAX	38	41	50	24	18	9	2	9	24	34	42	8	9	18	24	22	22	15	36	40	40	28	33	15	25	38	46	39	35	37	46	28.0
	MIN	12	25	23	10	7	-4	-5	-10	-6	9	5	-8	-8	9	3	-2	-17	-17	14	22	20	23	13	1	-3	23	29	30	28	27	11	8.5
FAIRFIELD	MAX	49	50	34	12	6	-4	3	18	34	51	28	10	15	33	37	25	20	40	42	45	40	31	27	37	40	43	42	38	45	43	36	31.3
	MIN	26	29	5	3	-8	-17	-18	-2	12	24	-14	-5	2	5	1	-11	-15	19	26	25	23	20	13	13	26	28	32	32	33	33	19	11.6
FARGO WB AP	MAX	46	49	35	22	15	1	7	13	31	39	19	4	20	15	21	25	-3	35	33	40	29	28	15	22	29	40	35	31	29	40	26	25.5
	MIN	18	31	12	13	1	-5	-5	-10	6	7	-8	-10	2	5	1	-7	-19	-3	18	22	20	15	3	0	13	27	27	25	25	25	-8	7.8
FESSENDEN	MAX	43	50	37	15	10	2	3	15	33	46	37	10	10	18	22	20	10	45	41	45	33	25	20	28	38	45	38	36	36	42	36	28.7
	MIN	26	31	13	5	1	-12	-15	-15	-2	9	-12	-12	1	3	5	-4	-19	10	23	30	20	13	4	8	15	31	28	32	30	31	5	9.1
FORMAN	MAX	47	48	45	21	21	7	7	10	34	42	44	7	20	20	25	32	6	36	38	41	36	28	26	21	38	46	39	36	35	40	39	30.2
	MIN	19	32	15	12	7	-3	-7	-14	-2	14	4	-5	4	10	2	2	-17	-8	23	23	18	23	13	2	17	26	29	32	28	29	9	10.9
FORT YATES	MAX	46	53	56		17		2			40	58	11	11	19			38	17	52	46	49	28	31	25	39	43	52	48	41	45	48	36.6
	MIN	17		18	12	6	0	-5			18	-2	4	-8	1		1				18	15	11	19	10	16		31	35	29	26	24	12.9
FOXHOLM 7 N	MAX	47	51	40	9	7	-2	0	15	29	45	9	8	5	21	24	22	5	45	43	41	35	25	22	30	39	42	40	36	39	41	35	27.4
	MIN	21	34	5	3	-2	-23	-20	-14	2	6	-8	-21	-14	-1	-3	-6	-29	3	26	32	16	12	7	13	24	35	31	32	26	25	7	7.1
FULLERTON	MAX	48	51	48	19	18	7	8	18	33	47	45	12	20	19	22	30	8	39	43	44	40	28	28	26	39	47	43	39	37	45	40	32.0
	MIN	23	35	15	10	6	-6	-12	-11	-3	15	1	-4	2	4	7	5	-16	-5	24	18	20	24	15	4	17	30	28	33	30	28	11	11.2
GACKLE	MAX	44	48	38	13	11	2	5	20	33	54	44	14	17	20	21	22	12	39	38	42	32	29	21	28	34	44	38	36	36	41	36	29.4
	MIN	24	29	10	6	-2	-9	-15	-8	3	16	-4	-8	1	4	6	5	-18	2	16	21	18	12	6	14	16	27	26	30	29	30	10	9.6

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	44		50	12	8	4	2	2	27	39	46	0	12	13	21	23	24	24	43	41	44	25	21	22	32	38	42	37	38	39	41	27.1
	MIN	25	35	10	5	1	-12	-16	-14	-10	12	-6	-10	-2	4	5	7	-20	-19	21	21	18	18	12	15	16	27	28	33	32	28	18	9.1
GRAFTON	MAX	44	43	40	12	11	2	3	12	21	23	22	1	5	6	12	7	-4	35	36	47	34	22	15			41	36	31	25	39	27	22.3
	MIN	17	30	6	4	0	-10	-9	-14	-4	-2	-5	-18	-11	-12	-4	-6	-22	-13	11	16	18	14	3	-2			24	22	21	21	-5	2.4
GRAND FORKS CAA AP	MAX	43	46	34	14	11	-1	2	12	23	37	11	4	13	13	19	10	-8	36	31	38	29	29	13	23	29	39	35	29	25	38	21	22.5
	MIN	17	32	7	7	-2	-9	-11	-13	1	4	-14	-21	-8	-10	-4	-10	-22	-8	13	18	20	15	2	-4	12	25	25	22	22	21	-11	3.7
GRAND FORKS UNIVERSITY	MAX	43	47	33	14	12	0	4	12	25	37	21	0	13	12	9	9	-6	33	36	40	31	26	14	23	30	40	34	33	26	38	24	23.0
	MIN	16	30	6	9	0	-10	-9	-14	-1	1	-6	-21	-8	-5	-4	-6	-23	-15	15	17	19	14	4	-4	14	15	25	22	21	22	-7	3.8
GRAND RAPIDS 1 N	MAX	47	52	34	16	13	5	10	21	35	52	44	12	19	18	22	32	6	39	45	46	36	29	20	27	40	47	42	37	36	48	40	31.3
	MIN	28	34	13	9	5	-5	-12	-14	0	13	1	-8	1	0	1	3	-18	-8	20	18	13	20	14	0	15	27	21	33	28	28	9	9.3
GRANVILLE	MAX	48	54	39	11	8	-2	2	17	29	45	11	12	6	22	23	22	7	43	43	43	30	24	23	30	38	40	36	34	35	40	33	27.3
	MIN	24	30	8	5	-2	-18	-18	-16	9	9	-9	-19	-10	-1	-2	-8	-23	-7	21	27	19	12	5	14	19	31	30	31	31	30	6	7.4
GRENORA	MAX	46	49	40	12	4	-5	-10	6	28	42	38	8	10	26	21	28	11	43	39	42	39	27	27	36	40	41	40	38	43	41	35	28.5
	MIN	22	28	3	3	-9	-32	-14	-18	2	6	-11	-14	-7	5	6	-8	-28	10	21	23	17	18	12	14	23	23	28	32	31	34	19	7.7
HANKINSON R R STATION	MAX	40	48	49	32	28	12	1	4	23	33	46	10	8	22	26	26	29	16	40	37	50	28	29		24	41	45	40	35	32	46	30.0
	MIN	20	28	30	14	9	-2	-8	-12	-8	12	7	-6	-6	6	9	0	-14	-15	15	14	17	21	15		6	18	29	29	27	27	21	10.1
HANNAH	MAX	37	40	36	7	7	6	-1	8	18	13	11	-2	-1	14	15	7	-5	37	36	37	32	16	13	22	26	37	34	33	29	36	24	20.1
	MIN	19	28	5	-4	-4	-14	-15	-14	-3	-7	-9	-22	-17	-15	-9	-12	-29	-10	12	21	13	10	9	-5	13	24	22	25	17	20	-10	1.3
HANSBORO	MAX	41	42	37	6	5	-1	3	14	20	14		0	-2	12	16	9	-4	38	40	40		29		23	31	40	36	34	33	38	34	22.4
	MIN	20	31	5	1	-4	-17	-19	-16	-5	-6		-21	-19	-11	-8	-11	-27	-9	15	23		10			13	24	25	26	21	22	-11	1.9
HETTINGER	MAX	54	54	43	17	9	-2	7	15	37	56	40	11	23	36	32	37	17	46	43	45	46	33	32	41	44	46	50	43	50	47	33	35.0
	MIN	27	35	15	8	-5	-8	-16	-5	11	29	4	0	4	12	12	0	-6	12	26	25	23	26	13	16	27	31	34	32	31	29	21	14.9
HILLSBORO	MAX	45	50	35	17	15	5	8	17	39	40		1	15	15	22	2	1	33	35	41	36	29	20	22	22	42	38	32	28	40	21	25.5
	MIN	22	25	11	9	5	-8	-6	-13	6	-3	-10	-17	-5	0	2		-20	-14	18	19	22	20	8	0	15	22	25	26	24	21	1	6.8
JAMESTOWN CAA AP	MAX	45	52	36	14	10	2	5	17	32	51	13	12	15	24	22	23	5	42	41	44	26	27	19	24	39	45	40	34	37	45	33	28.2
	MIN	21	32	7	7	0	-7	-10	-11	13	12	-6	-7	3	2	8	-9	-17	5	21	24	19	15	6	4	21	33	27	30	28	27	-4	9.5
JAMESTOWN STATE HOSP	MAX	44	49	36	18	15	6	5	16	32	50	42	11	15	18	24	23	3	41	39	45	34	30	20	25	37	44	40	34	36	44	35	29.4
	MIN	22	34	11	7	4	-7	-6	-11	5	12	-2	-7	4	2	9	-2	-16	-4	22	24	20	18	12	3	18	33	28	31	28	28	4	10.5
KENMARE	MAX	44	47	51	10	8	2	-9	-1	25	20	43	-6	7	5	23	21	1	35	44	40	40	26	23	25	34	40	43	40	39	40	39	25.8
	MIN	27	29	8	3	-2	-26	-26	-16	-7	5	-9	-15	-15	-5	-5	-5	-20	-20	27	25	23	12	8	13	15	27	29	33	32	30	11	6.0
KENSAL WILDLIFE REFUGE	MAX	47	51	37	13	12	4	5	16	34	46	44	11	13	15	23	18	3	40	42	43	40	26	20	25	40	44	39	36	36	44	36	29.1
	MIN	18	33	12	7	3	-10	-13	-14	5	10	-2	-12	2	2	7	0	-20	-3	19	25	17	18	12	3	19	30	28	30	29	26	3	9.2
LANGDON EXP FARM	MAX	38	40	37	8	6	-1	-2	7	20	21	13	-1	-1	12	16	2	-5	36	35	37	31	17	14	21	27	38	34	32	28	35	30	20.2
	MIN	18	27	5	0	-1	-15	-15	-14	-5	-5	-7	-22	-15	-14	-3	-9	-27	-21	9	20	15	11	-6	-4	13	17	21	25	20	20	-4	1.1
LARIMORE	MAX	42	48	40	16	11	3	3	14	25	39	21	4	4	11	15	11	-1	38	38	40	36	23	17	24	33	40	35	32	38	40	36	25.0
	MIN	5	34	5	-7	2	-10	-11	-15	-1	1	-5	-20	-9	-9	-6	-5	-23	-11	15	25	18	11	-6	0	17	22	25	24	22	22	-7	3.3
LEEDS	MAX	40	40	35	12	9	0	-3	8	24	40	13	5	5	27	20	5	0	39	38	38	31	21	15	25	28	36	35	35	34	36	32	23.3
	MIN	24	30	10	3	-1	-14	-15	-14	2	7	-9	-24	-18	-1	3	-8	-29	-4	17	27	18	13	-7	-2	14		23	25	25	25	-3	3.9
LINTON	MAX	52	52	42	18	12	5	5	18	38	58	50	14	20	24	25	35	10	42	42	47	28	27	24	37	47	49	42	42	40	49	40	33.4
	MIN	16	22	18	10	0	-7	-16	-14	3	28	0	-1	-1	14	5	10	-19	5	20	18	11	22	16	15	12	26	21	32	30	24	14	10.8
LISBON	MAX	44	47	46	18	17	6	6	11	31	42	41	6	16	15	20	21	4	35	36	40	38	27	27	21	35	44	43	37	34	43	38	28.7
	MIN	14	34	22	9	5	-7	-13	-17	0	11	0	-9	3	6	2	-6	-20	-15	20	18	14	24	11	1	15	23	25	31	28	27	8	8.5
LOSTWOOD 12 N	MAX	45	49		11	5	4	-5	9		45	15	15	15		21	22	4	42	38	38	33				37	40	40	35	38	40	34	26.8
	MIN	24		4	3	-6	-25	-19	-14		4	-10	-20	-20		-5	-5	-24	-3	22	28	14				21	29	24	31	31	29	7	4.8
MADDOCK AGR SCHOOL	MAX	43	45	36	14	10	4	0	11	26	43	22	9	5	18	21	16	0	40	39	40	35	22	15	25	34	39	36	38	35	40	35	25.7
	MIN	20	32	12	4	1	-13	-14	-14	0	6	-7	-19	-7	0	3	-3	-24	-3	18	23	20	13	-2	2	17	28	27	26	28	25	2	6.5
MANDAN EXP STATION	MAX	46	51	53	16	11	5	-2	5	26	38	56	1	14	18	23	28	28	21	49	45	48	26	27	21	35	41	48	43	41	41	47	30.6
	MIN	22	32	15	8	3	-8	-15	-12	-5	20	-1	-4	0	9	10	12	-16	-11	18	26	16	19	17	10	21	32	30	34	32	26	27	11.8
MANDAN FT LINCOLN PARK	MAX	43	55	38	15	10	-1	7	20	38	58	48	15	18	22	24	32	7	47	45	48	37	27	22	35	40	49	46	40	41	40	38	32.4
	MIN	23	31	12	5	-1	-11	-15	-13	7	18	-12	-7	-5	6	9	1	-18	0	24	25	14	19	12	8	22	31	24	30	27	27	17	10.0
MARMARTH	MAX	53	54	48			0		22	29	57	49			42		32	22	42								48	50	45	51	47		
	MIN	24	34	17			-7	-14	-8	14	22	7	1			12	6	-1	19						9		30	30	34	30	33		
MAX	MAX	44	45	49	13	7	3	-1	2	24	36	46	-1	11	10	20	24	22	21	41	40	44	25	25	22	31	36	41	37	37	37	40	26.8
	MIN	23	28	11	3	0	-14	-17	-16	-8	10	-8	-12	-6	-1	5	8	-18	-16	21	21	16	22	9	12	16	25	25	33	31	25	20	8.0
MAYVILLE	MAX	44	51	41	13	13	4	4	15	26	43	40	1	13	13	22	18	-3	34	37	42	36	28	20	21	28	38	34	30	28	40	37	26.2
	MIN	18	34	11	8	4	-8	-9	-10	4	4	-4	-20	-6	-4	6	-3	-22	-12	15	22	22	20	9	0	12	16	25	27	24	24	4	6.8
MC CLUSKY	MAX	43	48	40	12	7	0	1	15	32	48	40	10	13	20	20	25	5	43	38	44	35	25	19	27	36	43	36	35	37	40	36	28.2
	MIN	23	31	10	4	-2	-13	-15	-13	3	11	-7	-11	-1	3	4	-10	-19	3	20	19	18	14	5	9	17		25	29	25		6	6.5
MC HENRY 5 N	MAX	43	43	35	10	9	0	0	11	28	41	33	7	7	14	21	11	-1	41	36	42	30	23	16	23	30	38	35	34	34	38	35	24.7
	MIN	18	30	8	4	0	-13	-16	-19	-1	4	-8	-21	-6	-2	4	-4	-25	-7	14	22	19	14	5	-3	16	22	24	26	23	23	-3	4.8
MC LEOD 3 E	MAX	48	49	35	25	23		9	15	31	43	40		20	19	20	19	7	36	38	40	36	28	27	20	35	45	40	37	32	48	38	31.1
	MIN	18		15		8	-8	-10	-18	2	12	3	-19	0	4	-5	-6	-20	-14	20	22	8	25	11	-3	17	16	26	29	28	27	5	6.7
MC VILLE	MAX	42	44	34	11	9	1	0	11	25	41	22	4	4	13	21	9	-3	39	39	41	31	23	15	23	32	38	36	34	31	38	34	23.9
	MIN	17	32	6	4	1	-11	-11	-15	-3	3		-22	-5	-5	2	-5	-24	-9	14	21	19	14	4	-5	13	23	26	26	23	24	-6	5.0
MEDORA 3 NNE	MAX	54	54	40	17	11	1	12	26	38	58	46	18	23	42	32	42	24	44	46	50	46	35	31	43	46	51	49	44	55	48	39	37.6
	MIN		28	12	9	-6	-11	-25	-21	15	20	0	0	-4	11	9	3	-17	17		27		25	4	3	28	29	34	35	29	26	15	10.5
MINOT CAA AP	MAX	46	51	36	8	4	-6	0	19	30	45	8	10	6	23	16	23	15	44	39	42	27	23	20	32	40	42	38	36	39	41	33	26.8
	MIN	30	36	5	4	-7	-19	-15	-8	8	7	-13	-15	-9	-1	0	-10	-20	14	26	26	17	9	13	17	23	34	32	31	29	32	4	9.0
MINOT EXP STATION	MAX	42	46	51	10	5	1	-6	-2	25	39	44	-3	9	5	22	24	12	33	42	38	42	26	19	23	32	39	42	37	39	39	41	26.3
	MIN	27	31	10	5	-2	-19	-20	-16	-7	9	-8	-15	-8	-3	4	0	-20	-19	23	25	18	14	7	13	16	29	29	33	31	30	15	7.5
MOFFIT 4 SE	MAX	48	53	42	18	12	5	6	19	35	56	52	13	18	21	24	32	6	42	43	44	39	27	23	27	39	47	40	37	38	42	38	31.8
	MIN	18	34	16	8	3	-9	-14	-12	3	20	-2	-5	-1	9	10	3	-21	3	16	21	16	21	12	12	16	27	25	32	30	23	15	10.6
MOHALL	MAX	44	50	40	8	5	-4	-4	10	15	23	6	4	5	20	22	16	5	41	38	39	32	20	19	27	37	40	38	36	38	38	34	23.9
	MIN	25	34	4	2	-4	-26	-22	-19	6	5	-11	-20	-15	-4	-6	-10	-25	-6	24	29	18	10	5	5	21	34	30	31	30	28	2	5.6
MOTT	MAX	55	53	42	16	11	-1	11	24	40	58	50	14	19	34	29	37	15	44	44	47	43	32	31	42	46	49	49	42	49	48	38	35.8
	MIN	17	29	22	7	-2	-9	-22	-17	8	17	0	-1	-6	7	9	4	-19	10	17	21	12	18	3	5	25	29	26	33	28	22	21	10.1
MUNICH 4 SW	MAX	39	39	27	7	5	-3	4	-5	18	17	9	-2	-2	12	15	8	-7	36	36	33	23	23	12	20	22	36	34	31	29	36	28	18.7
	MIN	12	23	-1	-7	-10	-20	-23	-23	-12	-9	-11	-29	-20	-16	-11	-11	-34	-16	4	14	9	4	-18	-13	2	14	12	18	14	14	-12	-5.0

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1956

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	49	53	35	13	12	3	7	20	34	54	45	11	17	22	23	35	8	43	47	44	30	27	20	25	38	46	39	35	36	43	36	30.6
	MIN	24	30	18	7	0	-10	-11	-11	5	21	-2	-6	0	0	9	-1	-20	7	18	20	14	18	13	8	18	30	25	30	30	27	11	10.4
NEW ENGLAND	MAX	53	52	40	14	8	-2	8	21	38	57	48	15	19	40	32	39	18	44	45	49	45	31	31	41	45	47	50	42	52	47	36	35.6
	MIN	20	34	12	7	-8	-10	-21	-13	12	18	0	-1	-4	9	8	1	-15	11	24	21	18	20	12	14	25	27	29	33	32	33	20	11.9
NEW SALEM 1 S	MAX	52	53	38	14	8	1	6	20	37	54	43	13	16	25	26	35	9	47	44	48	30	28	22	34	40	46	48	38	43	46	36	32.3
	MIN	26	31	10	5	-5	-11	-14	-7	12	21	-5	-6	-8	7	7	-6	-15	7	23	22	17	18	8	6	20	25	28	33	30	32	16	10.5
NEWTOWN	MAX	47	47	39	10	6	-4	0	17	33	50	42	12	10	24	15	11	8	45	41	44	36	25	22	32	41	43	39	38	43	42	36	28.8
	MIN	22	30	8	5	-5	-20	-19	-18	5	14	-8	-10	0	4	1	-3	-24	4	24	28	17	17	7	9	24	30	28	33	32	28	16	9.0
OAKES	MAX	41	47	49	32	19	9	2	10	16	34	44	11	10	21	26	25	29	15	37	40	41	28	28	20	28	39	46	40	37	38	45	29.3
	MIN	21	24	29	10	8	-2	-8	-18	-10	14	8	-4	-3	8	5	4	-15	-15	14	20	17	17	14	5	6	23	26	29	30	28	26	10.0
PARK RIVER	MAX	43	44	37	10	10	3	3	12	23	22	22	2	4	7	20	6	-5	37	40	40	35	20	15	25	29	40	38	32	27	39	27	22.8
	MIN	21	34	7	5	3	-10	-8	-8	0	0	-6	-17	-10	-11	2	-5	-23	-11	15	12	17	15	3	3	17	17	27	25	23	18	-5	4.8
PARSHALL	MAX	46	48	39	10	7	-3	2	16	32	48	42	12	9	22	17	27	9	46	42	43	26	26	22	31	40	43	39	38	41	41	32	28.8
	MIN	18	27	7	4	-3	-19	-21	-20	6	14	-8	-11	-1	4	-4	-2	-23	5	17	20	16	14	14	5	20	28	23	32	30	26	11	7.4
PEMBINA 2 N	MAX	43	43	43	11	8	7	3	0	16	20	18		-2	6	10	12	-6			41	41	26	14	20	25	39	39	33	25	36	19	21.1
	MIN	23	23	5	0	0	-10	-14	-14	-4	3	-3	-22	-16	-12	-2	-6	-28	-6	3	22	15	14	-5	-10	10	20	23	23	19	15	-10	1.8
PETERSBURG	MAX	40	46	35	10	8	1	-1	10	22	38	20	6	6	14	21	9	-2	39	36	39	33	22	15	22	29	37	34	31	28	37	34	23.2
	MIN	20	32	5	3	1	-12	-11	-14	2	1	-8	-20	-10	-7	3	-5	-24	-9	13	22	20	15	5	-3	15	20	24	25	22	22	-6	4.5
PETTIBONE	MAX	43	49	36	12	10	2	2	15		46	40	10	14	18	22	25	3	40	40	43	35	25	16	23	35	42	40	36	37	40	37	27.9
	MIN	19	31	10	6	0	-12	-14	-15		12	-5	-8	1	6	6	-2	-10	-2	15	23	18	15	9	-2	11	25	22	30	28	24	10	8.4
PORTAL	MAX			49		7	-2	-12	-12	14	16	20	-7	-1	5	18	12	0	36	41	39	35	25	23	23	29	37	38	35	36	35	35	20.5
	MIN	25	26	4	-2	-5	-34	-31	-25	-15		-12	-23	-18	-19	-20	-10	-27	-21	18	19	15	11	8	9	11	27	25	31	30	29	15	1.4
POWERS LAKE 1 N	MAX	45	46	35			-5	7	10	25	45	10	7	5	22		25	15	41	42	38	25	25	26	28	39	36	35	35	38	38	32	27.5
	MIN	20	26	0			-29	-25	-21	6	4	-15	-20		-3		-12	-26	10	15	20	15	16	7	5	15	21	29	28	28	28	3	5.4
RAUB 10 SSW	MAX			37	13	7	-3		19	36	52	27	11	14	23	19	29	9	46	43	47	39	27	30	35	43	46	42	40	43	48	34	30.6
	MIN			7	5	-5	-15			-2	12	-6	-8	2	6	3	0	-16	1	20	26	20	18	14	10	23	33	31	32	33	30	11	10.6
RICHARDTON ABBEY	MAX	48	52	52	19	8	0	-3	5	28	46	55	2	13	15	31	34	35	33	44	42	47	39	27	28	38	41	46	48	39	44	45	32.3
	MIN	27	29	18	5	-2	-11	-15	-14	0	26	-3	-6	1	7	5	5	-15	-14	26	26	24	21	12	10	15	31	31	33	32	34	24	11.7
RIVERDALE	MAX	42	46	48	13	8	4	-1	2	27	41	50	0	12	15	21	26	27	26	45	42	46	26	26	22	32	41	43	38	38	41	41	28.6
	MIN	25	33	13	5	1	-11	-11	-12	-4	15	-4	-10	-3	5	8	8	-18	-16	24	27	18	18	14	15	14	31	30	30	30	28	24	10.5
ROLLA	MAX	47	42	32	6	5	0	-3	7	21	15	7	-4	-3	13	16	9	-5	36	35	33	28	14	18	22	35	44	37	33	33	39	34	20.8
	MIN	22	20	5	0	-4	-15	-18	-15	2	-2	-14	-20	-18	-10	-4	-10	-23	-6	19	18	13	10	0	0	15	28	23	28	23	22	-8	2.6
RUGBY	MAX	41	41	38	10	8	3	10	11	14	41	14	6	5	16	15	3	0	42	40	40	30	20	12	26	34	38	36	35	34	38	35	23.7
	MIN	25	30	10	4	1	-14	-15	-2	6	6	-7	-22	-9	-4	0	-4	-25	-3	18	24	18	12	-2	2	10	30	24	30	29	27	2	6.5
SAN HAVEN	MAX	41	46	40	7	5	-4	-7	20	20	24	8	-5	-1	10	15	10	-8	37	36	38	32	26	30	31	35	40	38	35	34	39	34	22.8
	MIN	21	30	5	1	-4	-17	-20	-16	-2	-1	-9	-20	-17	-4	-1	-9	-25	-11	22	20	17	1	10	6	15	31	21	28	23	23	0	3.8
SHARON	MAX	45	45	37	11	9	2	0	11	25	40	35	4	5	15	22	8	-5	37	36	40	34	23	17	22	29	37	35	33	29	38	34	24.3
	MIN	15	32	6	4	1	-10	-10	-15	0	3	-7	-20	-4	-5	-1	-5	-23	-8	14	25	19	17	7	-3	17	22	25	25	23	23	-4	5.3
STANLEY	MAX	46	47	38	12	10	-6	-4	12	29	45	14	9	5	21	19	27	7	43	39	42	30	26	23	28	40	50	37	36	39	40	33	27.0
	MIN	25	31	4	2	-6	-21	-20	-11	6	9	-10	-15	-6	1	-1	-8	-21	6	24	28	16	13	10	8	20	22	24	31	32	31	12	7.6
STEELE	MAX	44	54	44	16	12	4	6	11	35	53	45	21	20	21	21	29	11	41	42	44	40	28	27	25	38	46	39	37	36	43	38	31.3
	MIN	21	34	12	6	1	-11	-13	-11	5	16	-4	0	0	7	8	0	-18	0	16	22	16	19	15	4	18	25	25	30	26	25	10	9.8
TIOGA 1 E	MAX	43	46	46	9	7	-2	-9	-6	24	47	47	-4	5	8	22		3	32	41	37	39	25	27	24	37	40	40	37	35	40	38	25.9
	MIN	21	21	9	3	-4	-24	-25	-24	-14	8	-9	-14	-6	3	2		-23	-22	20	19	12	12	10	9	10	15	25	32	32	30	20	4.9
TOWNER	MAX	44	46	33	10	8	-2	2	5	25	42	18	4	8	18	18	7	3	43	40	43	27	23	15	23	41	42	36	36	37	34	31	24.5
	MIN	22	28	8	8	-2	-17	-17	-14	4	18	-11	-20	-2	-2	-3	-7	-27	-11	8	22	15	10	0	12	16	29	33	28	30	22	12	6.2
TURTLE LAKE	MAX	45	48	36	12	8	0	3	18	34	49	38	11	14	19	20	23	8	44	42	43	44	33	25	31	37	43	37	36	38	41	35	29.5
	MIN	24	15	6	3	-3	-14	-17	-14	5	12	-9	-12	-3	2	4	-7	-20	5	18	21	21	12	15	4	18	29	27	30	30	27	12	7.8
UNDERWOOD	MAX	42	46	40	14	9	3	0	2	28	39	50	-1	11	19	20	27	28	18	45	40	45	26	26	21	32	40	45	40	38	41		27.9
	MIN	26	23	12	4	0	-12	-14	-15	-6	17	-6	-10	-5	4	6	5	-18	-15	12	24	18	21	11	14	12	29	29	32	30	22		8.3
UPHAM 3 N	MAX	44	45	38	10	8	0	1	12	24	27	16	5	3	16	20	17	-2	40	38	40	31	20	17	27	36	40	36	36	35	38	34	24.3
	MIN	20	29	6	5	-2	-22	-21	-21	-2	3	-7	-24	-15	-1	-5	-5	-30	-4	17	19	11	12	2	12	13	31	23	31	30	25	8	4.5
VALLEY CITY	MAX	45	49	44	15	15	6	7	18	32	48	48	7	16	17	20		10	36	38	44	38	27	23	23	28	43	40	38	35	43	39	29.7
	MIN	16	36	12	8	5	-6	-6	-7	2	10	-1	-9	3	5	5	1	-18	-8	25	22	19	23	12	3	20	23	29	25	27	24	4	9.8
VELVA	MAX	45	47	53	12	9	2	-5	2	25	39	46	0	11	6	22	25	13	34	45	42	44	26	18	23	31	39	45	38	39	39	42	27.6
	MIN	23	30	12	6	1	-14	-15	-17	-7	10	-5	-13	-8	0	3	2	-23	-22	22	23	18	17	5	10	17	31	30	33	32	29	17	8.0
WAHPETON STATE SCHOOL	MAX	47	50	43	27	27	8	10	12	34	41	40	5	21	21	24	29	12	38	38	47	40	29	29	20	36	43	40	34	30	43	38	30.8
	MIN	18	31	19	15	6	-6	-10	-13	1	10	3	-7	-1	10	-2	-5	-18	-11	22	20	18	24	11	0	8	19	25	27	25	27	7	8.8
WASHBURN	MAX	50	50	38	14	11	0	6	21	35	53	46	14	17	22	20	28	15	48	46	48	36	26	21	34	44	46	38	37	40	44	38	31.8
	MIN	25	35	11	7	-4	-10	-11	-10	10	18	-4	-7	3	2	6	0	-15	5	25	30	18	18	14	17	25	32	29	33	30	27	15	12.1
WATFORD CITY	MAX	51	48	41	12	8	-4	1	16	34	48	43	13	14	30	24	34	15	42	41	45	37	29	28	38	42	45	40	39	45	43	35	31.5
	MIN	24	31	9	3	-6	-25	-22	-18	8	22	-11	-10	-2	5	6	-4	-19	11	22	28	19	21	8	8	23	29	29	32	31	30	22	9.8
WATFORD CITY 14 S	MAX	53	52	40	13	9	-3	3	20	36	52	45	10	16	36		38	17	47	45	48	41	31	29	40	44	48	43	41	47	49	39	34.3
	MIN	18	29	10	6	-5	-23	-25	-21	9	24	-7	-5	2	7	4	-1	-21	12	21	29	17	21	2	2	27	35	34	33	30	29	22	10.2
WESTHOPE	MAX	40	45	34	8	4	-6	-3	7	20	23	5	0	9	15	15	6	0	39	37	36	24	20	16	26	33	40	39	35	36	36	32	21.6
	MIN	20	27	2	2	-6	-28	-24	-20	0	2	-10	-24	-17	-6	-9	-12	-27	-3	14	16	15	1	3	12	20	32	32	29	30	25	-5	2.9
WILLISTON WB CITY	MAX	48	47	27	12	3	-9	-3	22	32	48	9	12	14	30	23	30	19	41	40	43	31	27	30	37	41	44	45	39	45	43	30	29.0
	MIN	26	27	6	3	-15	-24	-21	-16	13	6	-8	-7	2	9	0	-11	-17	19	24	23	18	22	13	13	27	32	35	34	35	29	20	10.2
WILLISTON EXP FARM	MAX	46			10	5	-10	-6	11	30	45	38	10	12	28	21	9	12	41	39	41	37	24	27	34	38	41	41	38	43	45	35	27.1
	MIN	21		6	1	-10	-27	-27	-20	9	10	-11	-13	-5	3	-5	-8	-22	5	18	23	15	18	10	8	21	26	27	30	28	32	16	6.0
WILLOW CITY	MAX	40	42	35	10	8	-1	-1	9	23	25	12	0	1	16	17	14	-2	40	39	38	22	19	15	21	35	36	36	35	35	37	34	22.3
	MIN	14	28	7	3	-3	-19	-19	-22	-8	1	-10	-25	-19	-4	-3	-6	-32	-4				12	-4	4	10	26	19	26	25	24	-1	0.7
WILTON	MAX	46	50	44	15			4	16	34	50		10	14	18	22		10	45	42	46	38	25	20	36		43	36	34	36	38	34	31.0
	MIN	26	32	9	6				-11	2	15	-8	-11	-2	5	8	-2	-12	5	23	23	18	15	10			31	28	29	28	23	10	11.5
WISHEK	MAX															23	28	33		41	39	40	27	32	21	28	37	45	38	37	38	43	
	MIN															11	10	-22		19		11	11	9	4	19	19	25	29	30	18		

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL			T	T	T	T	0.2			0.3		T	1.0	T		T						1.0						T			
	SN ON GND			T	T	T	T	T	T	T			T	1	1	1	1	1					1	1	1	1						
AMENIA	SNOWFALL					T					1.0				1.0		T							1.0						1.0		T
	SN ON GND					T	T	T	T	T	T	T	T	T	1	1	1	1	T	T	T	T	T	1	1	T	T	T	T	1	T	T
AMIDON	SNOWFALL				T	T					T		T		T		T	T		T				T	T							
	SN ON GND				T	T	T	T	T	T			T	T	T	T	T	T		T				T								
ASHLEY	SNOWFALL				T	T	T	T					T		2.0	T	T							T				T	T			
	SN ON GND				T	T	T	T					T		2	2	2	2	1	T	T			T				T	T			
BEACH	SNOWFALL			0.2	T	0.5		T		T			0.5	T	–	T		0.2						T								
	SN ON GND			T	T	1	T	T	T	T			1	1	1			T						T	T							
BELCOURT INDIAN RES	SNOWFALL			T	T	T	T	T		1.0	2.0	T		T	T	T	0.5					T	0.2						T			T
	SN ON GND	T	T	T	T	T	T	T	T	1	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	T	T
BEULAH	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BISMARCK WB AP	SNOWFALL			0.1	0.2	0.3	0.1	T			0.2	T	0.1	0.6	T	0.1	0.1					T	0.5									T
	SN ON GND				T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	T	T		T	T	T	T	T	T				
BOTTINEAU	SNOWFALL				T	0.2	0.2	T		0.3	0.5	0.5	T	T	0.2	0.1	0.3						0.5	T			T		T			
	SN ON GND	5	5	5	5	5	5	5	5	6	6	7	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7
BOWBELLS	SNOWFALL					1.0	T				2.0	1.0		T	T	T	1.0					T	T	T								T
	SN ON GND	T	T	T	T	1	1	1	1	1	3	4	4	4	4	4	4	4	4	3	2	1	T	T	T	T	T	T	T	T	T	T
BUTTE	SNOWFALL			T	T	1.0	T	T			1.0	T		1.0	1.0								1.0									
	SN ON GND			T	T	1	1	1	1	1	2	2	2	3	4	4	4	4	4	1	T	T	1	1	1	1	1					
CARSON NO 2	SNOWFALL				T		0.5							2.0	T								1.0									
	SN ON GND				T	T	1	1	1	T	T	T	T	2	2	2	2	2	2	1	1	1	2	2	1	1	T					
CAVALIER	SNOWFALL				T	0.3		0.3			3.0	0.1		0.1		0.1	1.0	T					1.0	T		T				1.0		0.2
	SN ON GND				T	T		T			3	3	3	3	3	3	4	4	4	4	3	3	4	4	4	4	4	3	3	4	4	4
CENTER	SNOWFALL			T		T					T		T	T	T		–						–									
	SN ON GND			T	T	T	T	T	T	T	T		T	T	T		1	1					1	1	1	T	T	T	T	T	T	T
CROSBY	SNOWFALL			0.5	0.5	1.0	T	0.3		T	3.0	T		1.0		0.5							T									T
	SN ON GND			1	1	2	2	2	1	1	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	3	3	1	1	T	T	T
DEVILS LAKE WB CITY	SNOWFALL			T	0.4	0.5	T	0.1		0.2	3.8	0.3	T	1.3	T	0.2	1.1	T		T		T	0.5	T	T				T	T	0.1	0.1
	SN ON GND	T	T	T	T	T	1	1	1	1	4	4	3	3	4	4	4	5	5	4	4	3	3	4	3	3	3	2	2	2	2	2
DICKINSON CAA AP	SNOWFALL			0.3	T	T	T	T		0.1		T	0.6	0.1	0.1	0.1	0.2						0.4									
	SN ON GND			T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	T	T	T	1	1	1	T	T					
DUNN CENTER 2 SW	SNOWFALL			0.5	1.0	T	T	T			0.3	0.5	0.3	0.2	T	0.2	0.1	T					0.3					•				
	SN ON GND			1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	T			T	T	T	T	T	T				
EDMORE 1 W	SNOWFALL				T	T					2.5	2.0				1.0	1.0													1.0		
	SN ON GND										3	5	5	5	5	6	6	6	4	3	3	3	3	3	2	2	1	1	1	2	2	2
FAIRFIELD	SNOWFALL			0.5	0.5	T	T				T	T	T	T	T	T	T	T					0.5									
	SN ON GND			1	1	1	1	1	1	1			T	T	T	T	T	T					1	1	1							
FARGO WB AP	SNOWFALL			T	T	0.2	0.2	T			0.3	0.1	T	0.4	1.0	T	T						T	0.6	T				T	0.3	T	0.1
	SN ON GND				T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	T	T	T	1	1	1	T	T	T	T	T
FESSENDEN	SNOWFALL		T		T	0.2					0.2			0.2	T		0.5					0.6										
	SN ON GND		T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1								
FORMAN	SNOWFALL						1.3								–	–							T									
	SN ON GND	–	–	–	–	–	1	1	1	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FORT YATES	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FULLERTON	SNOWFALL			0.1	T	0.2	2.8							T		0.2													1.0			
	SN ON GND			T	T	T	3	3	2	2	T			T	T	T	T	T	T	T	T	T	T	T	T				1	1		
GRAFTON	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND					1	1	1	1	–	6	7	7	8	7	8	10	10	6	2			1	2	–	–				1	1	1
GRAND FORKS CAA AP	SNOWFALL			T	0.3	0.6	T	0.1			2.2	1.0	T	0.6		T	0.7						0.6	1.4					0.1	0.2	T	T
	SN ON GND					T	1	1	1	T	1	3	3	2	3	3	3	3	3	2	2	1	1	3	3	3	3	1	1	1	1	1
GRAND RAPIDS 1 N	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND			T	T	T	1	1	1	1					4	4	4	1	1	1												
GRANVILLE	SNOWFALL			T	T	T	T				2.0	1.0		0.5	T		1.0						T						T			
	SN ON GND			T	T	T	T	T	T	T	2	3	3	3	3	3	4	4	3	2	1	1	1	1	1	1	1	1	T	T	T	T
HANSBORO	SNOWFALL				T	T		0.2			3.0	0.3		0.2			1.0						0.4						T	T		0.3
	SN ON GND				T	T	T	T	T	T	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1
HETTINGER	SNOWFALL				T	–	–						–	T																		
	SN ON GND					T	1	1	1	1			1	1	1	1	1	1	T	T	T	T	T	T	T	T	T					
JAMESTOWN CAA AP	SNOWFALL			T	T	0.3	0.3	T			0.3		T	0.4	0.2	T	T	T					T	0.1						T		T
	SN ON GND	T			T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	T	T	T	T	T	T	T	T				T
KENSAL WILDLIFE REFUGE	SNOWFALL			T	–						–				0.5								T									
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LANGDON EXP FARM	SNOWFALL				T	0.5		0.2		0.2	1.5	2.0		0.3	T	0.3	1.0					T	1.0						0.7	0.7		0.3
	SN ON GND					1	1	1	1	1	2	4	4	4	4	4	5	5	5	5	3	3	4	4	4	4	3	3	4	4	4	4
MAX	SNOWFALL			T	T	T		T			1.5	T		0.5	T	0.3	0.8						0.6									
	SN ON GND	T	T	T	T	T	T	T	T	T	1	T	T	T	T	1	2	2	2	1	1	T	1	1	1	1	1	T	T	T	T	T
MAYVILLE	SNOWFALL				0.8	0.5	0.1	T			2.0	0.3		2.0	T		1.0	T					T	0.2	T				T	0.1	T	0.1
	SN ON GND				1	1	1	1	1	1	2	2	2	4	3	3	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1
MC CLUSKY	SNOWFALL			0.4	0.1	0.6			0.1		0.5			0.1	1.0		0.1						0.1									
	SN ON GND	T		T	T	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
MC HENRY 5 N	SNOWFALL			0.1	T	0.3	0.5	0.3			0.6			0.3			0.3						0.3	0.2						T		T
	SN ON GND			T	T	T	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
MINOT CAA AP	SNOWFALL			0.2	0.4	0.2	T	T		T	1.0	T	T	0.6	T	0.8	T					T	0.8	T					T			T
	SN ON GND			T	T	T	T	T	T	T	1	T	T	T	1	1	2	2	2	T	T	T	1	1	1	T	T	T				

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1956

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL			T		0.5	T	0.4			2.0			T		T	0.7						0.7		T							
	SN ON GND					T	T	1	1	1	3	3	2	2	2	2	3	3	2	T			1	1	1	1						
MOTT	SNOWFALL				T	T	T	T				T	0.5	0.5	0.5		T						T									
	SN ON GND				T	T	T	T					1	1	2	2	2	2	1	1			T									
MUNICH 4 SW	SNOWFALL			T	T	0.5					1.5	1.0		T	0.5		1.5					T	0.5						T	T		1.0
	SN ON GND			T	T	1	1	1	1	1	2	3	3	3	4	4	4	4	3	2	1	1	2	1	1	1	1					1
NAPOLEON	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND											T	T	1	2	2	2	2	2	1	1											
PARSHALL	SNOWFALL			0.5	T	T					1.0			0.5		T	1.0						0.5									T
	SN ON GND			1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1				1	1	1	T						T
PETERSBURG	SNOWFALL				0.1	0.4		0.3			1.0	0.7		0.5			0.3						0.4	0.7					T	0.3		
	SN ON GND				T	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
PETTIBONE	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND			T	T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T		
RIVERDALE	SNOWFALL			T	T	T	T	T	T		0.5	T		T	0.5	0.3	T	T					0.5	T								
	SN ON GND			T	T	T	T	T	T	T	1	T	T	T	1	1	1	1	1	T			1	1	1	1	T					
SHARON	SNOWFALL			T	1.0	0.3					3.0	T		0.8		T	0.5					T	0.5		T					T		1.0
	SN ON GND			T	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	1	T	T	1	1	1	1	1	1	1	1	T	1
STANLEY	SNOWFALL			0.6	T	–				T	2.0	0.3		–	T	0.3	0.5					T	–					–	–			
	SN ON GND			1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1													
WAHPETON STATE SHCOOL	SNOWFALL			T	T	T	3.5								3.5	0.5	T	0.1						1.0	0.6				T	0.5		
	SN ON GND						4	3	3	3	2	1	1	1	4	4	4	4	3	2	1	1	1	2	3	2	2	2	2	2	1	1
WATFORD CITY	SNOWFALL			2.5	1.5									–		–																
	SN ON GND			–	4	4	4	3	3	2																						
WILLISTON WB CITY	SNOWFALL			1.4	0.2	T	0.2			1.0	0.7		T	0.6	0.1	0.4	0.4						0.2									
	SN ON GND			T	1	1	1	1	1	1	3	T	T	T	1	1	1	2	2	T			T	T	T	T	T	T	T			
	WTR EQUIV										0.3							0.1	0.1													
WILLOW CITY	SNOWFALL			T	T	T					2.5	1.0		0.1	T	T	0.2						0.1									
	SN ON GND	T	T	T	T	T	T	T	T	T	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
DELAYED DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
JULY 1956																							
WESTERN DIVISION																							
CROSBY	78.0M	53.0M	65.5M	-3.0	90	22			42	1	0	0	0	2.65	.52	.83	3	.0	0		5	2	0
EASTERN DIVISION																							
PEMBINA	76.4	58.9M	67.7M		83	10+			17	0	0	0	0	2.86	- .06	1.02	4	.0	0		6	3	1
OCTOBER 1956																							
SOUTH CENTRAL DIVISION																							
FORT YATES	68.0M	33.4M	50.7M	2.6	88	13	16	9		0	0		0	.34	- .78	.19	14	.0	0		2	0	0

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARCH 1956																																
DONNYBROOK	.91																	T										.66	.20	.05	T	
JULY 1956																																
CROSBY	2.65			.83	.64	.06	.08	.04	.01						.01		T	.06	.11	.01	.03						.48					.29
PEMBINA	2.86			.10	1.02			.52	.29							.33										.60						
OCTOBER 1956																																
FORT YATES	.34														.19											.15						
GRASSY BUTTE 10 N	.61														.61																	

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JULY 1956																																	
CROSBY	MAX	70	77	71	67	68	68	73	72	80	83	82	78	82	88	82	81	77	73	78	81	82	90	82	87	85	80	65		77	79	82	78.0
	MIN	46	43	52	52	50	51	51	55	53	55	60	54	52	61	56	52	55	53	50	50	53	53	60	58	57	55		45	51	53	53	53.0
PEMBINA	MAX	75	74	74	75	75	73	64	72	82	83	83	83	76	78	77	78	78	70	75	78	80	81	80	80	76	75	75	73	69	74	82	76.4
	MIN	58		52	53	55	52	56	54	52		67	62	57	62	65	63	57	62	59				55	65	64	65				61		58.9
OCTOBER 1956																																	
FORT YATES	MAX					78		83	62	59	63		82	88	72	69	71	84	69	80	75	68	76		58	69	53	56	54	54	42		68.0
	MIN					38		63	36	16	31	32		48	31	38	40	39	33	34	32	34		24	31	34	29	29	32	21	27	29	33.4

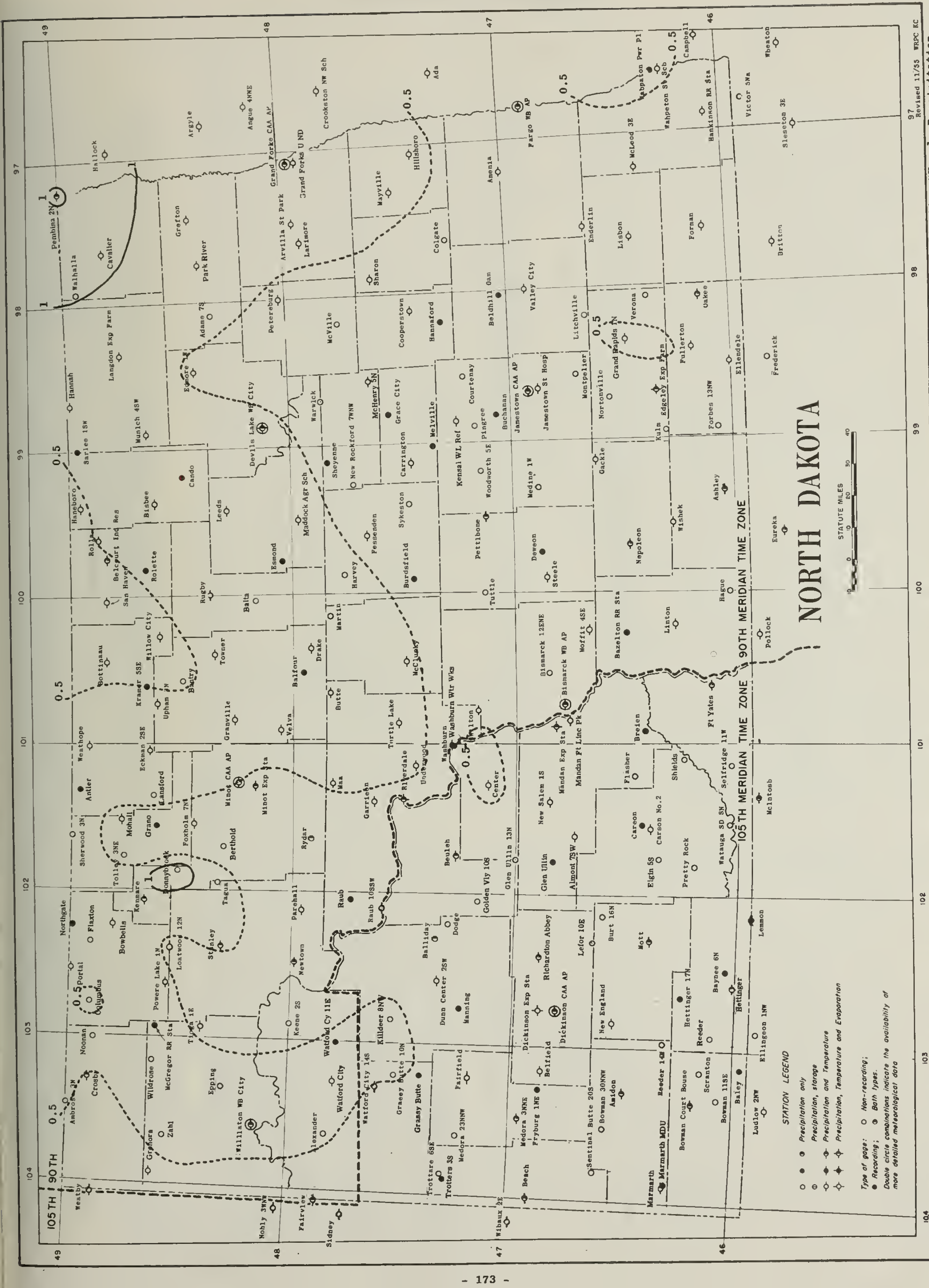
EVAPORATION AND WIND

Table 6

Station			Day of month																															Total or Avg.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
APRIL 1955																																		
DICKINSON EXP STA	(A)	EVAP	-	-	-	-	-	-	-	-	-	-	-	.02	.01	.08	.17	.14	.16	.12	.02	.29	.08	.04	.15	.05	.11	.09	.11	.21	.19	.20		-
		WIND	-	70	135	*	435	70	150	50	140	80	170	120	70	80	170	110	110	170	170	240	210	120	195	75	105	125	240	195	125	135		42058
MAY 1955																																		
DICKINSON EXP STA	(A)	EVAP	.20	.21	.14	.21	.07	.24	.33	.21	.20	.21	.18	.17	.27	.25	-	.02	.11	.29	.05	.14	.20	.32	.10	.13	.10	.01	.01	.12	.04	.18	.29	5.178
		WIND	100	165	160	340	170	110	240	170	240	160	90	80	65	115	180	280	200	110	105	60	75	175	105	80	170	120	105	175	110	140	240	4635
JUNE 1955																																		
DICKINSON EXP STA	(A)	EVAP	.13	.14	.04	.24	.14	.18	.21	.24	.24	.01	.03	.04	.05	.23	.19	.21	.17	.11	.18	*	.45	.26	.20	.27	.28	.31	.31	.16	.11	.37		5.50
		WIND	110	60	60	95	95	130	110	160	230	50	200	50	90	170	180	105	115	90	60	*	150	90	40	100	140	210	170	110	70	170		3410
JULY 1955																																		
DICKINSON EXP STA	(A)	EVAP	.27	.23	.24	.18	.16	.22	.19	.31	.16	.26	.09	.07	.16	.14	.18	.20	-	.26	.31	.28	.17	.25	.25	.28	.25	.40	.04	.18	.07	.19	.22	6.428
		WIND	100	85	135	65	165	110	160	90	120	180	160	135	105	90	100	90	0	100	180	160	100	50	75	45	120	100	50	120	30	50	65	3135
AUGUST 1955																																		
DICKINSON EXP STA	(A)	EVAP	.22	.19	.11	-	.20	.15	.18	.29	.27	.26	.20	.24	.37	.34	.14	.29	.17	-	.19	.20	.33	.21	.23	.08	.33	.20	.06	.26	.32	.10	.25	6.828
		WIND	75	90	40	140	30	110	40	160	140	60	40	50	125	185	50	120	40	90	25	75	100	50	80	90	175	0	45	20	80	100	75	2500
SEPTEMBER 1955																																		
DICKINSON EXP STA	(A)	EVAP	.30	.15	.20	-	.20	.17	.38	.25	.15	.25	.20	.19	.11	.26	.29	.23	.10	.27	.17	.23	.08	.04	.17	*	.17	.06	.04	.06	.16	-		5.238
		WIND	100	50	25	60	50	100	65	125	115	150	75	60	90	75	200	85	90	90	50	100	100	140	125	65	10	140	40	120	150	50		2695
OCTOBER 1955																																		
DICKINSON EXP STA	(A)	EVAP	-	-	.04	.08	.17	.15	.14	.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	60	80	95	85	150	110	90	85	35	50	50	155	135	85	100	125	40	35	95	60	45	80	145	95	85	60	100	120	20	15	60	2545

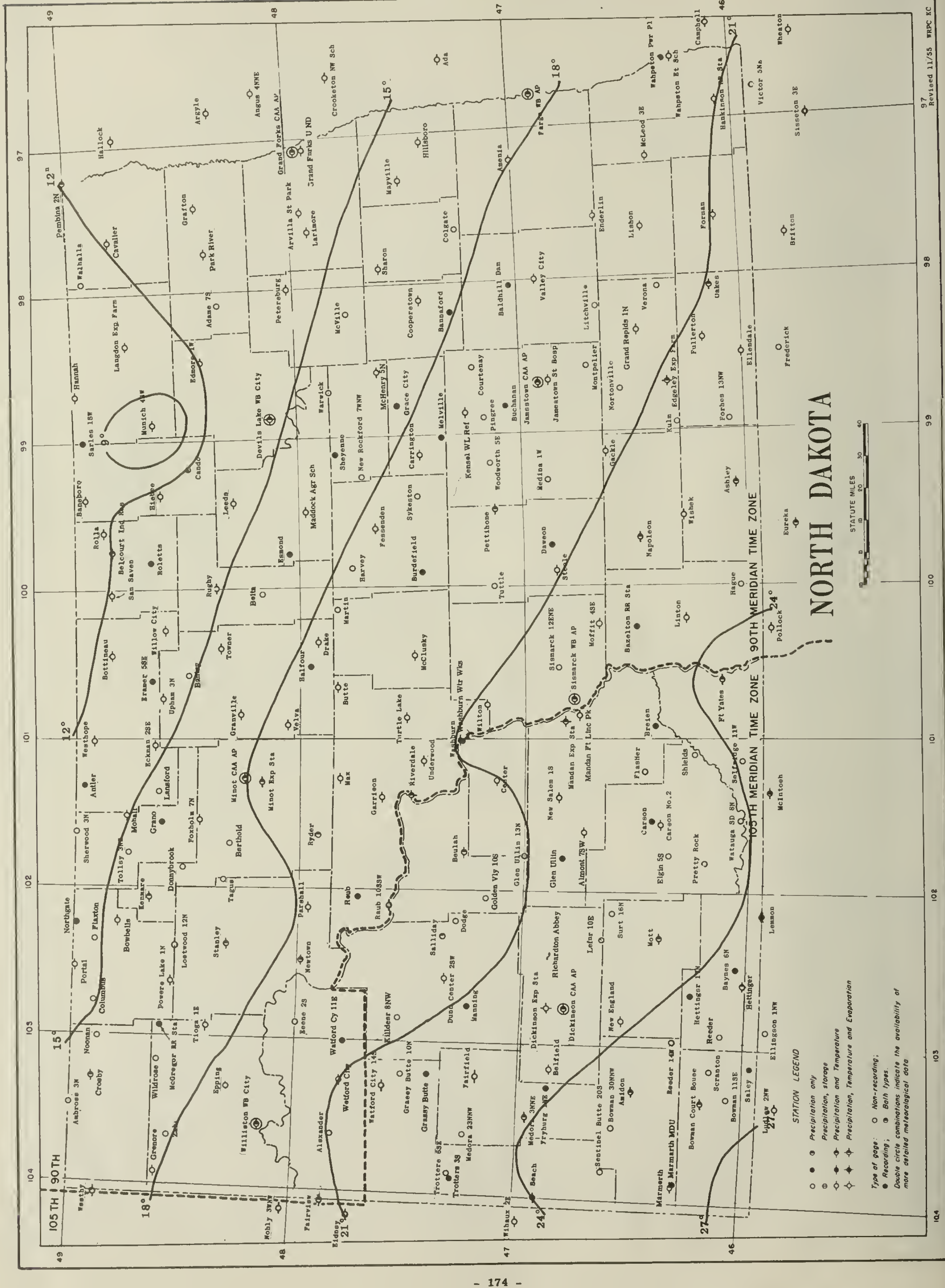
(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage ‡‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	46 20	88 06	1554		6P	Myron J. Sata	3
Alexander	0096	McKenzie	13	47 50	103 36	2200		6P	James Neer	3
Almont 7 SW	0138	Morton	4	46 43	101 39	2300	7P	7P	Hogan Mameland	2 3 5 7
Ambrose 3 W	0189	Divide	12	49 00	103 26	2027		5P	U.S. Border Station	3
Amenia	0198	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Oebeke	2 3 5 7
Amidon	0208	Slope	1	46 29	103 19	2910	8A	6A	Otis A. Qual	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond M. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple E. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Mem.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2563	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	46 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1760	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	46 37	69 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0816	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2680	5P	5P	O. S. Hook	2 3 5 C
Bowman 11 SE	0996	Bowman	3	46 04	103 19	2810		6P	Bernard L. Dosagala	3
Bowman 30 NNW	1001	Slope	7	48 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank B. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 18 W	1218	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1680	8A	8A	Earl S. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1385	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	6	48 48	97 38	689	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1818	Stutsman	5	47 13	88 34	1523		6P	G. H. Hanawalt	3
Crosby	1671	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	48 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1780		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 6 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Kalinger	3
Ellendale	2805	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	98 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 8 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1820	6P	6P	Emil S. Rust	2 3 5 7
Flasher	3009	Morton	1	48 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 S	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2775		MID	David D. Brennan	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1811	7A	7A	Albert J. Heierle	2 3 5
Glen Ullin	3498	Morton	4	46 49	101 49	2090		MID	Frederick J. Anborn	C
Glen Ullin 13 S	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bondorud	C
Grafton	3594	Walsh	10	48 25	87 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	87 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	87 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3585	La Moure	5	46 28	88 21	1360	6P	6P	Albert J. Nonn	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3698	McKenzie	7	47 24	103 14	2860		MID	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crint	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1888		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	8
Hankinson R R Station	3808	Richland	10	46 04	88 54	1088	7A	7A	Soo Line Agent	2 3 5
Hannaford	3826	Griggs	11	47 18	98 12	1428		MID	Solon Hennon	C
Hannah	3938	Cavalier	8	48 58	88 41	1570	6P	8P	U.S. Customs Office	2 3 5
Hansboro	3883	Towner	9	48 57	88 23	1600	7P	7P	Charles S. Disbor	2 3 5 7
Harvey	4013	Wells	11	47 46	88 55	1595		6P	Stephen Schroder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John H. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1878		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2810		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	87 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1815		MID	Ruth Huchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Herget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4858	Stutsman	5	47 18	88 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 6 NW	4726	Dunn	7	47 28	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 38	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroohl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1815	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels H. Hagen	2 3 5
Leeds	5076	Benson	2	46 17	99 26	1515	6P	8P	Clarence McCormack	2 3 5
Lefor 10 N	5068	Stark	4	4H 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	4H 16	100 14	1H85	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	87 42	10H9	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 38	8H 11	1467		HP	Melvin Rörvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood N.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	H9 30	1H04	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5478	Morton	4	46 46	100 54	1750	HA	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	H	48 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 8
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 1H	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 16	103 55	2710		MID	E. H. Jostnoe	C
Martin	5610	Sheridan	11	47 80	100 07	1610		5P	Elroy S. Kessler	3
Max	563H	McLean	8	47 48	101 16	20H3	8A	8A	R. H. Schafer	2 3 8 7
Mayville	5660	Traill	10	47 30	97 18	H75	6P	HP	E. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 2H	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	M	46 3H	102 56	-		MID	L. M. Erickson	C
McHenry 5 N	5730	Eddy	11	47 36	H6 35	1509	7P	7P	C. M. Hlasky	2 3 5 7
McLeod 3 N	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	96 10	1487	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	6	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 56	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 WNW	5818	Billings	7	47 14	103 36	2123		7A	Archie S. McAdoo	3
Melville	5633	Foster	5	47 20	88 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	46 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5883	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1638	6P	6P	W. E. Purdy	2 3 6 7
Montpelier	6105	Stutsman	5	46 42	98 35	1378		6P	Rolf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6185	Cavalier	2	48 38	68 53	1568	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	48 30	98 46	1856	6P	6P	Alvin H. Schuchard	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	68 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	6	47 58	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	46 00	102 16	1650		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	96 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	86 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1628	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6847	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	68 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		8P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1654	8A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1685		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	6	47 36	102 06	1858	6P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		6A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	7A	7A	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. H. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David S. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7852	Sioux	8	46 01	101 10	-		7P	L. K. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. H. Sury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	89 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1808		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	89 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2178		6P	W. S. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August H. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Soboob	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	48 55	98 00	1229	6P	8P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		8P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	8100	Richland	10	46 16	98 36	862	5P	5P	St Sch of Science	2 3 5 7
Walhalla	8155	Pembina	9	48 55	97 55	850		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	88 42	-		6P	Virgil H. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Horlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9248	McKenzie	7	47 36	103 17	1870	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	8P	Rev. S. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	5P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	89 34	2010	8A	8A	J. M. Sellerud	2 3 5
Woodworth 5 S	9575	Stutsman	5	47 09	89 12	1871		6P	John Mohror	3
Zahl	8635	Williams	8	48 84	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage ‡‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	48 28	96 47	935		6P	Holmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 2-1-57 -- B50

CORRECTIONS

January 1956:	Carrington, Table 2, temperature departure should be -1.1.
	Cavalier, Table 2, greatest depth on ground should be 32 on 28+.
	Hettinger, Table 2, precipitation departure should be +0.46.
	Kenmare, Table 2, precipitation departure should be -0.25.
	Kensal Wildlife Refuge, Table 2, greatest depth on ground should be 12 on 2B+.
	Newtown, Table 2, temperature departure should be -0.2.
	San Baven, Table 2, temperature departure should be +0.6.
	Tioga 1 E, Table 2, precipitation departure should be missing.
	Westhope, Table 2, precipitation departure should be missing.
February 1956:	Carrington, Table 2, temperature departure should be -4.0.
	Fullerton, Table 2, greatest depth on ground should be 9 on 16+.
	Bettinger, Table 2, precipitation departure should be -0.1B.
	Kenmare, Table 2, precipitation departure should be -0.40.
	Lishon, Table 2, greatest depth on ground should be 6 on 26+.
	Newtown, Table 2, temperature departure should be +2.4.
	Ban Baven, Table 2, temperature departure should be -2.0.
March 1956:	Newtown, Table 2, temperature departure should be +3.9.
	Powers Lake 1 N, Table 2, days min 0° or below should be missing.
	Ban haven, Table 2, temperature departure should be -1.6.
April 1956:	Forman, Table 2, greatest depth on ground should be B on the 3rd.
May 1956:	Banshoro, Table 2, days min 32° or below should be B.
October 1956:	San haven, Table 2, days min 32° or below should be 9.
	Washhurn, Table 2, days max 32° or below should be 0 and days min 32° or below should be missing
November 1956:	Garrison, Table 2, greatest day should be 0.44 on the 6th.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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ANNUAL SUMMARY 1956
Volume LXV No. 13

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ASHEVILLE: 1957

WEATHER SUMMARY

The past year averaged cooler and wetter than the long-term means over much of the State. The primary exceptions occurred in the western divisions where temperatures were near and precipitation below the long-term means. Drought was reported in the southwest part of North Dakota but elsewhere the growing season weather favored one of the largest crop productions in the history of the State.

The year began rather cold with considerable snow, particularly in the northeastern counties where as much as 20 inches fell during January. At the end of the month snow depths to 27 inches at Grafton were reported. Cattle were yard-fed and came through the winter in fair to good condition. Large amounts of feed were required since the ranges were snow covered during January, February and part of March. March was cold and stormy with heavy snowfalls that delayed farm operations. Devils Lake reported a record 16 inch snowfall on March 27-28th. This was the worst snowstorm of the winter and isolated many farmers over northeastern North Dakota. Snowfall at several localities approached or exceeded the March snowfall records. Devils Lake with 25.6 inches of snow set a record. The winter was unusually cold with most localities reporting subnormal temperatures through all the winter months. Fargo reported this winter (November through March) as the coldest since 1935-36. April continued the cool trend but fairly dry with seeding of crops progressing rapidly in the southwest until the ground became very dry. Plentiful precipitation in May improved pastures and the crop outlook. June was the hottest since 1933 and one of the hottest of record at most North Dakota stations. The southwestern counties again suffered from lack of moisture and grasshoppers became active in this area. Elsewhere, crops advanced rapidly during the hot June weather. Showers were adequate over most areas, outside the droughty southwest. July and August were pleasant and moist to improve range feed prospects and continue the good crop outlook. In many areas July was the coolest and wettest since 1950. The cool, moist weather continued into September but became dry after the first week. This favorable harvest weather continued through October. Mild weather predominated over the last quarter of 1956. Soil moisture was restored by snow and rain in early November. At the end of the harvest, the U. S. Department of Agriculture and the North Dakota Agricultural College reported that new records were established in the production of flax, soybeans, corn for silage, alfalfa hay and all hay. The acreage harvested of the principal crops totaled 21,060,000 acres, about 884,000 acres less than the previous year. The total yield was 8.9 million tons as compared to 8.8 million tons in 1955.

The U. S. Geological Survey reported water levels in key wells below average in the south central and southeastern part of the State and above average in the rest of the State.

Precipitation ranged from 9.44 inches at Fairfield in the southwest division to 27.23 inches at Gackle in the southeastern division. Jamestown CAA reported 4.90 inches of rainfall on June 6th--about one-fifth of the 1956 precipitation. Precipitation was subnormal in February, April and through the autumn harvest but generally near or above normal the remainder of the year. Snowfall ranged from 13.7 inches at Trotters 6SE to 62.0 inches at Devils Lake. The 1955-56 winter's snowfall of 79.8 inches at Devils Lake was the second snowiest of record.

Annual temperatures averaged near the long-term means in the western divisions and below in the central and eastern divisions. The average annual temperatures ranged from 32.4° at Munich 4 SW to 43.5° at Watford City 14S. Most of the hottest days were recorded in June with the highest at 103 degrees on June 10th at Watford City 14S. Watford City 14S recorded 27 days at 90° or higher and was exceeded only by Medora 3NNE with 28 such hot days. Most of the eastern half of North Dakota recorded the coldest days of 1956 on February 17; the lowest in the State was 40 below zero at Munich 4 SW this date. The Munich site reported the temperatures to zero or lower on about a fourth of the 1956 days totaling 93 such days. Another invigorating northwestern site Tioga 1E recorded 199 days (more than half the year) on which the temperature failed to rise above 32 degrees.

STORMS

March 27-28: Worst snowstorm of the winter. Roads were blocked and farms isolated as strong winds drifted snow to a depth of 16 inches in the Devils Lake area.

June 5: About 6:10 p.m. near Coleharbor much damage was reported from a tornado that destroyed barns and other farm buildings and disrupted communication and power services.

June 18: About 3:15 p.m. near Beulah a tornado caused considerable damage and injured one person along a 15 mile path.

June 18: About 6:30 p.m. a 35 mile path from Baldwin to Tuttle was traveled by a tornado with considerable property and crop damage.

August 16: About 7:45 p.m. a devastating hailstorm swept Cavalier County to affect about 800 farms. High winds accompanied the hailstorm which originated near Brandon, Manitoba and traveled into northwest Cavalier County southward. Buildings were leveled and fields reduced to stubble as a total loss was reported on one-fourth of the farms and a 50 percent loss reported by the remaining farmers. Wind damage the same evening was also reported in Towner, Bottineau and Ramsey Counties.

August 30: At approximately 3:25 p.m. a tornado occurred in the west section of Fargo. Considerable property loss was reported.

September 6: A tornado caused much property damage on a farm in southwest Barnes County.

September 15: During the afternoon three tornadoes were seen in northwestern Bottineau County. Small buildings were destroyed and hay stacks moved.

December 10 and 11. High northwesterly winds with blowing dust and blowing snow caused moderate damage. At Bismarck a record wind of 61 m.p.h. was recorded.

For greater detail, the reader is referred to the monthly issues of Climatological Data, North Dakota and to Climatological Data, National Summary.

Paul J. Waite
Climatologist
Weather Records Processing Center
Kansas City, Missouri

NORTH DAKOTA
1956

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALMONT 7 SW	10.3		13.8		27.2		37.8		54.9		69.3		67.5		67.7		57.6M		51.4		32.0M		22.7M		42.7	
AMENIA	7.0		6.6		20.1		36.0		55.0		70.2		68.1M		68.2		56.2		51.7		31.3		18.3M		40.7	
AMIDON	12.5M		14.8		28.7		36.6		52.2M		68.1		66.2M		66.3		56.7		M		30.9		24.1		-	
ARVILLA STATE PARK	3.7		4.0		16.6		M		M		67.8		64.8		66.2		52.8		48.6		28.8		12.1		-	
ASHLEY	8.5	- 0.5	7.8	- 4.7	23.3	- 1.4	35.7	- 6.3	53.7	- 0.7	68.7	5.4	66.4	- 4.2	66.6	- 1.8	55.7M	- 2.5	50.9	5.0	29.8	1.7	20.6	5.0	40.7	- 0.4
BEACH	12.4		15.4		29.0		36.2		53.4		68.8		67.1		66.6		55.7		47.5		30.5		23.5		42.2	
BELCOURT INDIAN RES	3.6		4.6		16.2		31.7		51.2		65.5M		63.1M		63.4		50.8		44.2		25.5		10.7		35.9	
BELFIELD	10.6		16.0		28.6M		36.1		52.8		67.6		66.3		65.6M		55.8		46.4M		30.1		22.9		41.6	
BEULAH	3.4		4.9		20.0		33.2		50.6		65.6		65.2		66.4		53.6		46.4M		28.5M		20.4		38.2	
BISBEE	3.3M		3.6		15.3		31.8		51.6		67.6M		65.1		65.7		51.4		46.0		26.9		11.8		36.7	
BISMARCK WB AP	4.7	- 4.5	9.1	- 3.6	23.6	- 3.1	37.4	- 5.7	54.9	0.1	70.1	5.8	67.9	- 4.2	67.7	- 1.6	55.5	- 3.0	49.0	3.3	30.4	2.0	20.6	5.1	40.9	- 0.8
BOTTINEAU	2.8	- 0.5	1.9	- 5.7	16.5M	- 3.6	33.5	- 5.9	51.6	- 1.8	66.9	5.4	64.6	- 4.3	64.9	- 1.6	51.6	- 4.2	45.3M	1.7	23.3	- 0.5	10.6	0.4	36.1	- 1.7
BOWBELLS	3.9		9.0		20.6		35.1		52.4M		65.7M		63.8M		64.1M		52.1M		44.8		28.3		15.7		37.9	
BOWMAN COURT HOUSE	14.4	- 0.4	18.3	0.6	31.2	4.7	37.5M	- 5.2	53.4M	- 0.8	70.2M	8.0	67.4	- 3.7	65.6M	- 3.2	57.2	- 3.2	48.7	2.2	30.2M	0.2	24.6	3.4	43.2	0.2
BUTTE	4.5M		8.5M		M		M		M		M		M		M		53.7M		50.1M		28.5		M		-	
CARRINGTON	5.1	- 1.1	6.1	- 4.0	18.1	- 4.1	33.0	- 7.1	51.8	- 1.4	67.0	4.5	65.1	- 4.6	65.3	- 1.9	51.7	- 4.7	47.1	2.1	26.6	0.8	M		-	
CARSON NO 2	8.6	- 3.2	-		-		36.3M	- 6.5	54.2	- 0.6	69.5	6.0	67.4	- 4.3	68.0	- 1.4	56.3M	- 2.7	49.8M	3.0	29.8M	0.5	21.3M	2.7	-	
CAVALIER	3.6		5.4		16.8		32.6		52.4		68.9		66.3		67.0		53.4		49.0		29.7		12.1		38.1	
CENTER	6.8M		11.4M		23.4		36.2		54.0M		67.3M		66.1M		65.4		54.0M		46.8M		29.7		20.4		40.1	
COOPERSTOWN	6.0		6.6		17.9M		34.4		53.8		69.2		66.6		67.2		53.9M		49.4		29.4		M		-	
CROSBY	4.2	- 1.8	9.1	- 1.2	21.6	0.1	36.0	- 3.7	53.2M	0.3	67.7	7.0	65.5M	- 3.0	65.1M	- 0.6	53.5	- 1.5	44.6	0.6	28.3	2.5	16.2	2.4	38.8	0.1
DEVILS LAKE WB CITY	2.5	- 2.3	4.9	- 3.8	15.6	- 7.0	31.4	- 8.6	51.7	- 1.3	67.9	5.5	65.9	- 3.4	65.9	- 0.9	52.5	- 3.8	47.3	3.4	27.4	2.3	14.2	3.0	37.3	- 1.4
DICKINSON CAA AP	10.9		15.5		28.4		36.4		53.4		68.6		67.0		66.4		56.5		48.0		30.8		23.1		42.1	
DICKINSON EXP STATION	10.3	- 0.4	13.6	- 0.3	28.0	4.1	36.5M	- 4.8	53.1	0.0	68.2	6.8	66.5M	- 3.3	66.6	- 0.5	55.9	- 0.5	48.1	3.3	30.8	2.9	22.5	5.0	41.7	1.0
DRAKE	4.3	- 1.7	5.4	- 4.5	18.2	- 3.5	34.7	- 5.9	53.2M	- 0.8	68.0	5.4	66.8	- 3.2	66.6	- 0.9	53.0M	- 3.9	48.8M	4.0	27.6M	1.6	16.9	3.6	38.6	- 0.8
DUNN CENTER 2 SW	7.9	- 2.5	10.5	- 3.7	25.3	1.2	36.5	- 4.3	53.2	0.1	68.1	6.7	66.4	- 3.1	66.4	- 0.1	54.7	- 0.7	47.0M	2.1	30.1	2.3	20.2	2.5	40.5	0.0
ECKMAN 2 SE	0.2M	- 2.8	2.3	- 5.3	15.9	- 4.2	33.1	- 6.9	50.8	- 2.5	66.2	4.8	65.6	- 3.1	65.0M	- 0.9	51.5	- 4.0	45.3M	1.7	26.6	2.4	13.1	1.9	36.3	- 1.6
EDGELEY EXP FARM	8.4	- 0.6	7.9M	- 5.2	23.5M	- 1.9	35.4	- 7.3	53.7	- 1.2	68.5	4.6	66.2	- 4.8	67.7	- 1.3	55.8	- 3.0	50.0	3.3	29.3M	1.3	20.5	5.4	40.6	- 0.9
EDMORE 1 W	2.3M		3.0M		13.7		30.1		51.3		67.3		64.7		63.3		49.1		44.4		26.0		12.1		35.6	
ELLENDALE	10.9	1.1	10.2	- 3.7	25.1	- 1.5	37.7	- 5.8	55.9	0.1	70.5	5.5	68.8	- 3.1	69.2	- 0.7	58.2	- 1.6	53.1	5.6	31.9	2.6	22.9	6.6	42.9	0.5
ENDERLIN	7.5M		4.9		19.8		35.2		53.7		69.3		67.7		67.4		54.4		49.2		29.1		18.3		39.7	
FAIRFIELD	8.5M		13.8		27.0		36.4		52.7		68.2		66.9		66.8		55.7M		45.1		29.6		21.5		41.0	
FARGO WB AP	6.1	- 1.0	5.8	- 5.0	19.5	- 5.8	35.0	- 7.1	53.3	- 1.7	70.7	6.1	68.0	- 3.3	68.5	- 0.6	55.7	- 3.2	51.7	5.6	30.6	3.0	16.7	3.8	40.1	- 0.8
FESSENDEN	6.0	- 0.3	7.1	- 3.7	19.0	- 3.9	35.8	- 5.4	54.1M	- 0.1	69.2	6.4	66.5	- 3.7	67.6	- 0.3	54.9M	- 2.6	49.8M	4.5	29.6M	3.4	18.9	5.7	39.9	0.0
FORMAN	9.2		8.6		23.8		37.3		56.2M		71.6		68.3		69.4		57.8M		52.9M		31.0		20.6		42.2	
FORT YATES	11.1	- 1.0	12.6M	- 3.9	28.5M	0.6	38.9	- 6.0	M		-		68.8M	- 4.3	68.4M	- 2.1	58.2M	- 2.2	50.7M	2.6	M		24.8M	5.7	-	
FOXHOLM 7 N	4.1	- 3.2	10.6	- 0.8	21.6	- 1.0	35.5	- 5.5	54.4	0.2	67.9	5.8	66.7	- 2.9	67.8M	0.5	55.6M	- 1.3	48.4	2.9	29.9	3.3	17.3	2.9	40.0	0.1
FULLERTON	9.8	- 0.3	9.6M	- 4.5	23.8	- 2.9	37.5	- 6.2	56.3	0.2	70.9	5.6	68.7	- 3.5	69.6	- 0.4	57.4	- 2.2	52.5	5.1	31.2	1.8	21.6	5.1	42.4	- 0.2
GACKLE	7.9		9.2		22.3		35.9		54.4		69.4		67.0		67.4M		55.8		50.6M		29.7		19.5		40.8	
GARRISON	6.0	- 2.3	7.9	- 4.5	21.8	- 1.9	36.0	- 5.6	53.1M	- 1.1	68.4M	5.6	65.9	- 4.5	67.4	- 0.3	54.4	- 3.0	46.6	1.4	28.7	1.7	18.1M	3.1	39.5	- 1.0
GRAFTON	3.8	- 0.9	4.2	- 5.5	15.8	- 7.1	33.1	- 8.5	53.4	- 2.0	68.9	4.6	65.7	- 5.2	66.3	- 2.4	52.3	- 5.8	49.3	3.1	29.8	3.4	12.4M	1.1	37.9	- 2.1
GRAND FORKS CAA AP	2.7		2.1		15.5		32.4		52.0		69.5		66.2		66.4		53.0		48.4		29.2		13.1		37.5	
GRAND FORKS UNIVERSITY	4.4	0.0	3.3	- 5.6	16.4	- 6.1	33.0	- 8.3	53.1	- 1.8	70.4	6.4	66.4	- 4.3	66.7	- 1.5	53.7	- 3.7	49.9	4.6	29.7	3.7	13.4	1.9	38.4	- 1.2
GRAND RAPIDS 1 N	8.6		8.5		22.7		36.8		56.0		70.6M		67.4		67.8		56.1M		50.8		31.2		20.3		41.4	
GRANVILLE	4.7	- 2.0	9.1	- 1.8	20.7	- 2.5	35.1M	- 6.5	54.2	- 1.1	68.4	6.0	67.0	- 3.0	66.9	- 0.6	55.0M	- 2.4	48.3	2.8	30.0	3.5	17.4	3.4	39.8	- 0.3
GRENORA	6.3		11.4		25.4		36.9M		52.7M		67.9		66.0		66.6M		55.7M		47.4		31.4		18.1		40.5	
HANKINSON R R STATION	7.7	- 1.5	8.5M	- 4.9	20.7	- 5.1	34.9M	- 8.1	54.1	- 2.4	69.7	3.8	67.8	- 4.7	68.5	- 1.2	54.8	- 4.5	51.2	4.3	29.7	1.0	20.1M	4.5	40.6	- 1.6
HANNAH	0.7		M		13.1		27.7M		49.9M		65.8M		63.2		63.9		50.6M		46.0		27.9M		10.7		-	
HANSBORO	2.7M	- 0.2	4.4M	- 3.0	15.4M	- 4.2	31.3M	- 7.3	51.7M	- 0.2	66.2M	5.9	63.8M	- 3.4	64.5M	- 0.5	50.7M	- 4.3	45.4M	2.1	26.4M	2.7	12.2M	1.7	36.2	- 0.9
HETTINGER	12.8M	- 2.4	17.1	- 1.2	30.6	3.6	37.1	- 6.4	54.7M	- 0.3	69.1	5.6	67.2M	- 4.8	66.1M	- 6.4	55.9M	- 3.2	48.5	1.4	30.5M	- 0.3	25.0	3.7	42.9	- 0.9
HILLSBORO	6.4	0.1	5.5	- 5.3	19.0	- 5.1	34.3M	- 7.9	54.1	- 1.3	69.5M	4.8	65.6M	- 6.0	67.3	- 1.7	55.8	- 3.0	52.2	5.9	31.0	3.7	16.2M	3.2	39.7	- 1.1
JAMESTOWN CAA AP	6.4		7.2		20.1		34.5		52.5		68.1		66.5		66.6		54.5		48.3		29.3		18.9		39.4	
JAMESTOWN STATE HOSP	8.2	0.0	8.8	- 3.5	22.2	- 2.7	36.1	- 6.2	55.1	- 0.1	70.7	6.1	67.8	- 4.0	67.8	- 1.4	55.7	- 2.8	50.5	4.0	30.8	2.8	20.0	5.0	41.1	- 0.3
KENMARE	4.0		7.6		20.1		34.3		51.6		66.2		65.1		65.8		52.6		45.5		28.1M		15.9		38.1	
KENSAL WILDLIFE REFUGE	7.9		8.8		21.2		36.1		54.0M		69.3		67.2		67.8		55.5		49.9		30.5		19.2		40.6	
LANGDON EXP FARM	1.9	0.0	1.0	- 5.5	13.3	- 6.2	28.5	-10.2	50.1	- 2.4	65.9	4.6	63.7	- 4.3	64.2	- 1.7	50.8	- 4.7	46.4	3.4	26.7	3.9	10.7	1.4	35.2	- 1.9
LARIMORE	5.5	0.2	5.9	- 4.0	17.5	- 5.5	33.4	- 7.4	53.5	- 1.1	69.2M	5.8	67.2	- 3.2	66.4	- 1.9	53.6	- 4.2	50.0	4.3	30.2	3.7	14.2	1.7	38.9	- 1.0
LEEDS	1.6M		4.3		16.4		33.3		53.1		68.2		66.2		66.3		53.2M		47.8		27.2		13.6M		37.6	
LINTON	8.5	- 1.6	8.7	- 6.0	25.6	- 1.1	38.8	- 5.5	56.5	- 0.1	71.0	5.9	68.3	- 4.5	68.0	- 2.9	56.8	- 3.5	51.4	4.0	31.2	1.9	22.1	5.3	42.2	- 0.7
LISBON	9.2M	0.5	6.7	- 6.4	22.6M	- 3.6	36.1M	- 6.3	54.8	- 0.8	70.4	5.4	67.3	- 4.4	68.5	- 0.5	56.5	- 1.8	51.9	4.6	30.6	1.6	18.6	3.4	41.1	- 0.7
LOSTWOOD 12 N	3.7		8.6		20.1M		33.2M		-		-		-		-		M		44.5M		28.5M		15.8M		-	
MADDOCK AGR SCHOOL	3.9	- 1.3	5.6	- 4.0	16.7	- 5.6	34.0M	- 7.0	53.9	- 0.3	68.5	5.9	65.8	- 3.8	66.1	- 1.6	53.7	- 3.8	47.6M	2.6	28.6	2.9	16.1	3.7	38.4	- 1.0
MANDAN EXP STATION	5.9	- 3.5	8.7	- 4.3	24.4	- 0.2	37.0	- 5.9	54.7	- 0.5	68.8	4.9	67.0	- 4.8	67.5	- 1.7	55.0	- 3.9	50.0	3.4	30.7	2.4	21.2	5.0	40.9	- 0.8
MANDAN FT LINCOLN PARK	7.5		11.4		24.5M		38.0		55.3		69.4M		67.4		68.0		55.9		50.7M		30.5M		21.2		41.7	
MARMARTH	15.2M	0.3	M		33.0M	5.0	39.4M	- 5.0	55.5M	0.0	72.8M	9.2	M		67.9M	- 1.2	58.6M	0.3	49.5M	2.9	34.1M	4.0	M		-	
MAX	5.6	- 0.4	6.5	- 3.5	19.8	- 1.5	34.9	- 5.3	52.5	- 0.7	66.9	4.8	65.7	- 4.0	66.0	- 1.1	52.9	- 3.2	46.3	2.4	26.9	1.5	17.4	4.2	38.4	- 0.6
MAYVILLE	5.5	- 1.3	5.2	- 6.1	18.1	- 6.4	34.8	- 7.6	53.5	- 2.2	69.4	4.7	66.9	- 4.9	67.3	- 2.5	55.8	- 3.8	50.8	3.7	31.1	3.4	16.5	3.0	39.6	- 1.6
MC CLUSKY	5.7	- 1.8	9.2	- 2.4	20.3	- 3.1	36.2	- 5.6	54.7	0.4	68.9	6.1	66.0M	- 4.7	66.7M	- 1.6	54.4	- 3.6	48.9	3.1	27.9M	0.9	17.4M	2.8	39.7	- 0.8
MC HENRY 5 N	4.7		5.3		17.2		31.5		52.5		66.9		64.7		65.0		52.5		48.1		28.6M		14.8		37.7	
MC LEOD 3 E	8.5	0.0	6.7	- 6.3	21.5M	- 4.8	36.6M	- 6.8	55.1	- 1.5	70.9	5.7	67.6M	- 4.4	68.4	- 1.4	57.5M	- 2.4	52.5	4.8	31.2M	2.0	18.9M	4.0	41.3	- 0.9
MC VILLE	-		4.9		16.3		32.4		52.1M		68.1M		65.6		65.8M		52.7		48.3		28.4		14.5M		-	
MEDORA 3 NNE	12.0		17.2		31.6		37.5		54.7M		69.8M		67.4M		66.5M		56.5		47.8M		32.3		24.1M		43.1	
MINOT CAA AP	4.4		9.7		21.3		35.1		53.0		67.6		66.0		66.1		53.8		47.2		28.8		17.9		39.3	
MINOT EXP STATION	4.1		6.7		19.9		34.8		52.7M		67.0		66.0M		67.9M		53.5M		46.6		28.0		16.9		38.7	
MOFFIT 4 SE	7.3		8.8		22.9		36.1		54.6M		69.3M		66.2M		67.1M		56.0M		50.9M		30.5		21.2		40.9	
MOHALL	3.8	- 1.5	9.4	0.0	21.0M	- 0.2	35.4	- 5.0	54.1	0.1	67.6	5.7	66.1	- 3.0	65.8	- 1.0	54.0	- 2.4	46.8	2.1	27.5	2.0	14.8	2.2	38.9	0.0
MOTT	11.8	- 1.8	15.4	- 1.7	30.3M	3.7	36.8	- 6.7	53.8	- 1.2	68.0	4.6	65.6	- 6.2	65.2	- 3.9	55.5	- 3.4	48.5	1.7	31.0	1.1	23.0	3.2	42.1	- 0.9
MUNICH 4 SW	0.5		1.5M		10.8		26.1		48.2		63.3M		61.1		61.1		47.4		42.5M		22.8		6.9		32.4	
NAPOLEON	7.6	- 0.8	8.6	- 3.6	22.5	- 1.5	36.9	- 5.3	-		70.1	6.7	66.9M	- 3.9	67.8	- 1.3	56.1	- 2.7	51.1M	4.8	30.3	2.5	20.5	5.2	-	
NEW ENGLAND	12.6	- 1.7	16.6	- 0.8	30.4	3.4	36.7	- 6.3	53.6	- 1.2	67.9	4.5	66.3M	- 5.8	65.7	- 3.7	55.9	- 2.8	48.2	2.0	31.2M	1.0	23.8	3.9	42.4	- 0.6
NEW SALEM 1 S	8.2	- 2.8	12.0	- 2.5	25.4	0.4	37.4M	- 5.2	53.5	- 1.1	68.0M	4.9	67.0	- 4.1	66.3	- 2.6	56.4M	- 2.5	49.3	2.6	31.0M	2.2	21.4	3.8	41.3	- 0.6
NEWTOWN	5.8	- 0.2	11.7	2.4	24.5	3.9	37.5	- 3.8	54.0	0.6	68.5	6.8	66.2	- 3.2	67.2	0.2	55.7M	- 0.4	47.3M	2.7	30.1	3.5	18.9	4.3	40.6	1.4
OAKES	7.9	- 0.5	5.3	- 7.3	20.6	- 5.3	35.7M	- 7.0	54.5	- 1.1	70.1	5.0	67.4	- 4.6	68.2	- 1.5	56.0	- 3.0	49.8	3.0	28.7	0.1	19.7	4.7	40.3	- 1.5
PARK RIVER	4.9	0.5	6.5	- 2.5	17.6	- 4.2	32.8	- 7.3	53.3	- 0.9	69.3	6.2	67.0	- 2.6	67.3	- 0.4	54.5	- 2.7	50.6	5.3	30.2	4.6	13.8	2.2	39.0	- 0.1
PARSHALL	5.6		10.0		22.9		36.6		53.6		67.5		65.5		65.8		55.3		48.9M		29.4		18.1		39.9	
PEMBINA 2 N	2.4		1.8M		15.7M		32.3		51.8M		69.4M		67.7M		67.0		52.2		49.3M		30.0M		11.5M		37.6	
PETERSBURG	4.2M		3.9		14.5		30.9		51.8		67.8M		66.1M		-		M		47.4		28.1		13.9		-	
PETTIBONE	6.3	- 0.2	5.9M	- 4.7	-		34.7	- 6.5	53.3	- 0.8	67.7M	4.9	66.4	- 4.1	66.6M	- 1.6	54.1M	- 3.8	49.6M	4.4	28.1	1.7	18.2M	4.8	-	
PORTAL	1.5M	- 2.6	4.9	- 3.3	18.4	- 1.0	34.2	- 5.3	51.9	- 0.8	66.2	5.5	64.3M	- 3.9	65.0	- 0.3	52.5M	- 2.6	44.5M	1.2	26.5M	2.0	11.0M	- 0.8	36.7	- 1.0
POWERS LAKE 1 N	2.2M		6.5M		18.8M		33.5		M		65.9M		63.5M		64.0M		52.8M		43.5M		26.2M		16.5M		-	
RAUB 10 SSW	8.3		12.9M		25.0M		37.1M		54.4		68.3M		67.4		67.7		57.1M		M		32.6M		20.6M		-	
RICHARDTON ABBEY	11.2	- 1.7	15.6	- 0.5	29.1	3.6	38.3	- 4.4	55.3	0.9	68.9	6.3	67.4	- 3.4	67.3	- 1.5	57.3	- 1.4	49.1	1.9	30.3	0.7	22.0	2.8	42.7	0.3
RIVERDALE	6.3		8.3		21.6		35.5		52.6		67.1		66.1		66.6		53.6		47.7		29.2		19.6		39.5	
ROLLA	3.6		5.5		16.1		32.0		51.2		66.3		64.0		65.0		51.0		45.5		26.3		11.7		36.5	
RUGBY	4.2		6.7		18.5		35.3		54.5		69.8		67.6		68.0		54.8		49.1		28.0		15.1		39.3	
SAN HAVEN	4.8	0.6	6.8	- 2.0	18.1	- 1.6	33.3	- 6.1	51.8	- 1.3	67.5	6.6	65.0	- 3.5	65.7	- 0.3	53.3M	- 2.3	47.5M	3.9	26.8	2.8	13.3	1.7	37.9	0.0
SHARON	5.0	0.2	5.8	- 3.7	17.0	- 5.4	32.8	- 7.7	52.5	- 1.3	67.9	5.2	65.4	- 4.7	65.4	- 2.3	54.1	- 3.0	50.1M	5.2	28.6	2.8	14.8	3.1	38.3	- 1.0
STANLEY	3.8		7.3		19.8		34.3		51.6		65.4		63.7		64.2		52.0M		45.2M		28.8		17.3		37.8	
STEELE	7.2	- 0.4	8.5	- 3.1	20.8	- 3.0	37.0	- 4.8	54.8	0.5	69.2	6.2	66.2	- 4.3	66.4	- 1.9	54.3	- 3.8	49.7M	3.8	29.2	1.8	20.6	5.7	40.3	- 0.3
TIOGA 1 E	3.4		5.4		18.9		34.6		51.1		65.4		63.8		65.0		52.1M		43.2M		26.5		15.4M		37.1	
TOWNER	2.7M	- 2.3	5.3M	- 4.0	18.7	- 3.0	36.5M	- 5.0	53.7M	- 0.8	67.0	4.5	65.5M	- 4.3	64.9	- 2.1	52.0M	- 2.3	45.6M	1.0	29.3M	3.7	15.4	2.9	38.0	- 1.0
TURTLE LAKE	6.1		8.8M		21.2M		37.1		-		-		66.7M		66.5		53.8M		48.8		28.5		18.7		-	
UNDERWOOD	5.8		7.8M		21.3M		34.6		51.6		66.3		64.5		65.6		53.1		47.6		27.5		18.1M		38.6	
UPHAM 3 N	4.6		12.0M		19.3		36.3		54.9		68.6M		66.4		66.7		53.9		47.8		28.0		14.4		39.4	
VALLEY CITY	8.8M	0.3	8.7M	- 4.4	22.5	- 3.5	36.5	- 6.9	55.1	- 1.0	70.6	5.5	67.8	- 3.9	68.0	- 1.4	56.2M	- 2.9	52.1M	4.9	32.3M	3.7	19.8M	4.4	41.5	- 0.5

See reference notes following Station Index.

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
VELVA	5.9	- 2.3	9.9	- 2.7	22.6	- 1.7	37.1	- 5.5	54.9	- 0.4	68.6	5.4	66.3	- 3.7	66.9	- 0.6	55.0	- 2.6	48.9	2.9	30.1	2.8	17.8	2.5	40.3	- 0.5
WAHPETON STATE SCHOOL	8.8	- 0.8	8.6	- 5.2	22.9	- 4.0	38.2	- 6.4	55.8M	- 1.7	71.0M	4.2	67.9	- 5.2	68.7	- 2.5	56.9	- 4.4	54.8	5.8	32.3	2.2	19.8	3.8	42.2	- 1.1
WASHBURN	6.9M	- 3.3	11.7M	- 2.7	24.5M	- 1.1	37.8M	- 5.8	55.3	- 0.6	68.5	4.2	66.1	- 5.9	66.4	- 2.8	M		M		31.9M	3.0	22.0	5.1	-	
WATFORD CITY	9.3	- 1.9	14.4	- 1.1	26.9	1.3	37.8	- 5.2	54.5	- 0.6	69.8	6.9	67.2	- 4.2	68.5	- 0.4	56.8	- 1.2	47.0	0.5	31.2	2.2	20.7	3.0	42.0	- 0.1
WATFORD CITY 14 S	11.7		16.5		28.7M		39.7M		56.1		71.0M		68.2M		68.4M		57.9		48.6M		33.1		22.3M		43.5	
WESTHOPE	1.6	- 2.1	4.7	- 3.0	16.7	- 3.7	34.4	- 5.8	52.8	- 1.5	67.1M	5.0	64.6M	- 4.6	64.8	- 2.1	51.8	- 4.5	44.8M	1.0	25.5	1.2	12.3	1.4	36.8	- 1.5
WILLISTON WB CITY	6.8	- 3.2	12.6	- 0.9	26.2	- 0.3	37.6	- 5.3	54.1	- 0.5	68.5	5.5	67.2	- 3.7	67.9	- 0.2	56.3	- 0.9	47.4	1.9	32.1	3.8	19.6	3.9	41.4	0.1
WILLISTON EXP FARM													M		67.8M		55.5M		46.1		30.2M		16.6M		-	
WILLOW CITY	1.8	- 0.7	3.3	- 3.5	16.1	- 3.7	34.7	- 5.0	52.9	- 0.2	67.8M	6.3	65.8	- 2.8	65.1	- 0.9	52.2	- 3.5	44.4	1.3	25.2	1.3	11.5M	1.5	36.7	- 0.9
WILTON	-		-		-		-		-		M		M		M		M		49.8		28.9		21.3M		-	
WISHEK	M		M		23.2M	- 0.3	36.5	- 4.9	53.8M	0.0	69.0	6.0	66.5	- 3.6	67.5M	- 0.1	55.9M	- 3.6	52.2M	7.5	M		M		-	

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERCROMBIE 3 NW					1.19		2.28		2.76		1.95		1.27		2.86		0.76		0.77		1.66		0.54		-	
ADAMS 7 S	1.25		0.49		2.38		0.22		2.76		4.79		2.35		3.22		0.12		1.60		2.43		0.70		22.31	
ALEXANDER	0.18		0.07		0.74		0.10		1.84		3.00		2.15		1.96		0.81		0.44		0.35		0.87		12.51	
ALMONT 7 SW	0.88		0.05		0.97		0.13		2.68		2.81		3.47		4.04		0.55		0.28		0.83		0.21		16.90	
AMBROSE 3 N	0.30		0.15		0.50		0.54		0.65		1.88		2.43		2.39		0.47		0.56		0.57		0.50		10.94	
AMENIA	0.66		0.36		1.44		1.47		2.74		2.66		2.16		2.48		0.89		1.32		1.32		0.31		17.81	
AMIDON	0.32		T		0.12		0.15		2.11		1.86		3.16		1.85		0.20		0.45		0.41		0.02		10.65	
ARVILLA STATE PARK	1.09		0.27		1.06		0.11		2.27		2.11		2.49		3.59		0.23		1.39		1.39		0.71		16.71	
ASHLEY	0.52	0.01	0.16	-0.28	0.89	0.12	0.66	-0.60	4.41	2.43	3.22	-0.61	4.97	2.32	4.17	1.98	0.34	-0.89	1.43	0.49	1.91	1.49	0.22	-0.06	22.90	6.40
BALTA	0.73		0.42		1.56		0.30		2.24		2.60		1.81		1.17		1.11		0.28		1.61		0.52		14.35	
BANTRY	0.34		0.29		0.69		0.66		1.64		2.84		2.33		2.10		0.62		0.25		1.14		0.33		13.23	
BEACH	0.31		0.17		0.25		0.16		2.08		0.50		2.59		2.06		0.59		0.29		0.74		0.23		9.97	
BELCOURT INDIAN RES	0.52		0.24		1.35		0.02		1.70		2.42		3.31		2.84		0.44		0.26		0.92		0.32		14.34	
BELFIELD	0.35		0.22		0.84		0.30		2.90		1.63		4.57		3.55		0.66		0.35		0.40		0.26		16.03	
BERTHOLD	0.44		0.09		1.54		0.24		1.90		3.49		3.31		3.05		0.98		0.57		0.71		0.36		16.68	
BEULAH	0.80		T		1.03		0.06		3.34		3.96		4.63		1.55		0.41		0.61		0.94		0.11		17.44	
BISBEE	1.00		0.67		E 1.71		0.10		1.58		2.49		3.42		2.39		0.36		0.15		1.39		0.62		E15.88	
BISMARCK WB AP R//	0.97	0.61	0.18	-0.27	1.21	0.45	0.11	-1.28	3.83	1.89	2.36	-0.97	2.78	0.45	2.93	1.43	0.55	-0.88	0.25	-0.75	1.43	0.90	0.26	-0.14	16.86	1.44
BISMARCK 12 ENE	0.26		0.03		0.70		0.08		3.76		3.89		3.19		3.04		0.47		0.37		1.41		0.09		17.29	
BOTTINEAU	0.31	-0.15	0.19	-0.16	0.49	-0.25	0.08	-0.88	1.87	-0.10	3.96	0.16	1.98	-0.57	1.87	-0.70	0.46	-0.92	0.27	-0.51	1.20	0.81	0.28	-0.12	12.96	-3.39
BOWBELLS	0.16		0.13		1.66		0.45		1.70		4.54		3.20		0.88		0.72		0.31		0.96		0.80		15.51	
BOWMAN COURT HOUSE	0.39		0.07		0.31		0.54		1.82		0.74		4.23		2.58		0.51		0.41		0.63		0.25		12.48	
BOWMAN 9 SE	-		-		-		0.27		1.75		0.38		4.75		3.29		-		-		-		-		-	
BOWMAN 30 NNW	0.31		0.06		0.25		0.11		2.28		0.99		1.79		3.15		0.49		0.33		0.71		0.13		10.60	
BURT 16 N	0.55		0.12		0.87		0.09		1.66		1.03		5.49		3.36		0.28		0.57		0.70		0.14		14.86	
BUTTE	0.25		0.05		0.24		0.12		2.44		1.98		2.98		1.57		0.71		0.36		0.77		0.15		11.62	
CARRINGTON	0.65	0.13	0.23	-0.25	1.01	0.27	0.09	-1.31	2.15	-0.14	3.94	0.30	3.10	0.46	3.50	1.60	1.52	0.06	1.16	0.01	2.59	2.01	0.24	-0.17	20.18	2.97
CARSON NO 2	1.18	0.65	E 0.26	-0.29	E 0.65	-0.46	0.22	-1.19	2.30	-0.06	1.73	-2.14	5.08	2.99	2.30	0.79	0.49	-0.85	0.13	-0.89	1.62	1.07	0.29	-0.06	E16.25	-0.44
CAVALIER	0.92		0.48		1.27		0.10		2.91		3.34		3.91		5.43		0.33		1.48		1.72		1.41		23.30	
CENTER	0.66		0.19		1.10		0.01		4.20		3.53		5.38		3.98		0.31		0.28		1.57		0.52		21.73	
COLGATE	0.46		0.49		1.01		0.65		2.66		3.58		2.51		2.54		0.89		1.62		1.46		0.10		17.97	
COLUMBUS	0.08		0.05		0.53		0.42		1.43		2.37		2.83		1.53		0.69		0.34		0.61		0.41		11.29	
COOPERSTOWN	1.01	0.54	0.28	-0.35	1.18	0.40	0.42	-0.75	2.16	-0.20	2.93	-0.45	1.92	-0.59	3.00	0.43	1.06	-0.69	1.79	0.65	1.43	0.78	0.39	-0.18	17.57	-0.41
COURTENAY	0.82	0.20	0.41	-0.07	1.61	0.73	0.25	-1.00	1.88	-0.27	5.52	2.23	2.35	-0.16	3.71	1.43	1.35	-0.22	1.24	0.13	1.44	0.84	0.18	-0.41	20.76	3.43
CROSBY	0.14	-0.22	0.08	-0.26	0.66	0.04	0.40	-0.39	1.05	-0.59	2.15	-1.14	2.65	0.52	2.31	0.46	0.68	-0.41	0.37	-0.46	0.44	0.04	0.43	0.02	11.36	-2.39
DEVILS LAKE WB CTY R//	1.35	0.95	0.54	0.11	2.29	1.56	0.18	-1.26	1.56	-0.57	5.95	2.77	2.10	-0.57	3.05	0.88	0.69	-1.38	0.91	-0.35	1.80	1.13	0.74	0.26	21.16	3.53
DICKINSON CAA AP R//	0.80		0.16		0.66		0.19		2.03		2.35		3.19		1.33		0.61		0.54		0.66		0.19		12.71	
DICKINSON EXP STATION	0.44	-0.04	0.12	-0.33	0.57	-0.19	0.22	-1.14	2.90	0.89	1.17	-2.81	3.01	1.01	2.55	0.79	0.76	-0.37	0.43	-0.45	0.50	-0.05	0.03	-0.29	12.70	-2.98
DONNYBROOK	0.25		0.11		0.91		0.40		E 1.50		3.35		5.64		0.83		E 0.84		E 0.44		0.61		1.33		E16.21	
DRAKE	0.40	-0.05	0.20	-0.18	1.00	0.30	0.16	-1.05	2.46	0.62	1.92	-1.81	3.19	0.56	2.46	0.37	0.65	-0.76	0.58	-0.28	1.86	1.23	0.54	0.17	15.42	-0.88
DUNN CENTER 2 SW	0.16	-0.27	0.11	-0.28	0.56	-0.09	0.02	-1.24	2.00	0.01	1.07	-2.78	3.95	1.61	2.29	0.32	0.40	-0.84	0.35	-0.46	0.60	0.14	0.40	0.13	11.91	-3.75
ECKMAN 2 SE	0.40		0.13		0.87		0.15		1.61		4.49		2.05		3.40		0.74		0.50		0.80		0.55		15.69	
EDGELEY EXP FARM	0.40	-0.04	0.17	-0.28	0.67	-0.09	0.52	-1.01	3.09	0.71	3.59	-0.17	3.97	1.40	2.27	0.33	0.52	-0.91	1.48	0.53	2.44	1.98	0.39	0.05	19.51	2.50
EDMORE 1 W	0.92		0.25		1.47		0.19		2.26		5.25		2.06		3.01		0.40		0.90		1.29		0.44		18.44	
ELGIN 5 S	1.44		0.11		0.22		0.07		2.28		2.04		3.79		3.69		0.34		0.12		1.06		0.14		15.30	
ELLENDALE	0.87	0.33	0.35	-0.27	0.90	-0.10	1.03	-0.91	2.12	-0.10	4.67	0.82	3.08	0.24	2.18	-0.31	0.56	-0.80	2.09	1.01	2.21	1.58	0.33	-0.18	20.39	1.31
ENDERLIN	0.62		0.26		E 1.03		1.56		3.20		2.09		2.14		2.99		1.27		2.02		1.33		0.20		E18.71	
EPPING	0.23		0.28		0.66		0.19		1.82		3.21		1.91		1.47		0.54		0.21		0.73		0.51		11.76	
FAIRFIELD	0.09		0.05		0.53		0.07		2.32		0.77		3.27		1.14		0.40		0.19		0.39		0.22		9.44	
FARGO WB AP R//	0.72	0.12	0.18	-0.51	0.91	0.02	1.45	-0.43	1.63	-0.54	2.85	-0.19	3.58	1.27	1.75	-0.98	0.83	-0.89	1.14	-0.12	1.60	0.73	0.31	-0.29	16.95	-1.81
FESSENDEN	0.78	0.21	0.20	-0.31	1.30	0.52	0.17	-1.17	2.84	0.70	4.17	0.81	2.85	0.03	2.76	0.79	0.98	-0.49	0.59	-0.45	2.38	1.70	0.38	-0.15	19.40	2.19
FLASHER	0.57		0.05		0.48		0.12		2.93		1.79		3.98		2.53		0.52		0.12		1.10		0.17		14.36	
FLAXTON	0.25		0.14		1.22		0.52		1.71		3.24		2.30		0.79		0.85		0.36				0.70		12.71	
FORBES 13 NW	0.41		0.17		0.50		0.53		3.07		2.36		3.95		3.77		0.41		1.31		2.81		0.36		19.65	
FORMAN	0.89	0.40	0.18	-0.39	1.70	0.78	1.59	-0.32	3.12	0.57	2.20	-1.72	3.40	0.27	2.94	0.75	0.72	-0.70	1.02	-0.15	1.22	0.58	0.34	-0.18	19.32	-0.11
FORT YATES	0.61	0.22	0.08	-0.37	0.54	-0.26	0.13	-1.24	-		-		3.28	1.27	1.57	-0.17	-		0.34	-0.78	1.35	0.99	0.06	-0.19	-	
FOXHOLM 7 N	0.11	-0.39	0.02	-0.34	0.67	-0.10	0.20	-0.99	1.47	-0.37	3.50	-0.02	2.63	0.65	1.98	-0.12	0.66	-0.58	0.42	-0.36	0.77	0.20	0.39	-0.02	12.82	-2.44
FULLERTON	1.16	0.29	0.53	-0.42	1.28	0.02	1.10	-1.05	2.52	0.01	2.94	-1.03	4.49	2.02	2.25	0.04	0.49	-0.87	1.74	0.58	2.80	1.94	0.47	-0.31	21.77	1.22
GACKLE	0.83		0.09		0.88		0.11		6.21		5.45		3.17		4.85		0.51		1.83		E 2.99		0.31		E27.23	
GARRISON	0.46	-0.13	0.09	-0.45	1.15	0.40	0.02	-1.25	3.07	1.02	1.71	-1.77	4.43	2.08	1.28	-0.54	0.57	-0.70	0.28	-0.50	0.94	0.32	0.47	0.03	14.47	-1.49
GLEN ULLIN 13 N	0.25		E 0.13		E 0.97		E 0.16		1.82		2.05		3.93		2.29		0.52		0.43		E 1.04		E 0.21		E13.80	
GOLDEN VALLEY 10 S	0.63		0.09		0.82		0.25		3.36		3.43		3.96		1.03		0.23		0.27		0.69		0.21		14.97	
GRAFTON	1.44	0.72	0.59	0.01	1.86	0.96	0.15	-1.31	2.63	0.77	5.48	2.29	2.77	-0.43	6.03	3.38	0.29	-1.76	1.40	0.22	1.39	0.49	0.58	-0.02	24.61	5.32
GRAND FORKS CAA AP R	1.35		0.53		1.39		0.40		3.31		3.26		1.02		4.52		0.13		1.45		1.36		0.67		19.39	
GRAND FORKS UNIVERSITY	1.10	0.50	0.41	-0.14	1.33	0.42	0.34	-1.17	3.05	0.72	2.99	-0.58	1.41	-1.55	5.19	2.06	0.33	-1.40	1.45	0.23	1.40	0.48	0.63	0.01	19.63	-0.42
GRAND RAPIDS 1 N	0.73		0.33		1.59		1.20		4.03		2.56		4.14		1.65		0.59		2.10		2.12		0.53		21.57	
GRANVILLE	0.49	-0.06	0.07	-0.30	1.03	0.36	0.15	-1.07	2.12	0.08	3.39	-0.54	2.39	-0.03	3.15	1.01	0.82	-0.41	0.49	-0.26	1.04	0.53	0.68	0.27	15.82	-0.42
GRASSY BUTTE 10 N	-		-		-		-		-		-		5.99		2.74		0.40		0.61		1.27		0.74		-	
GRENORA	0.43		0.36		0.20		0.42		1.66		3.69		1.52		2.35		0.83		0.37		0.45		0.42		12.70	
HAGUE	0.73		0.16		0.63		0.56		2.54		2.50		4.28		3.29		0.42		0.63		1.93		0.04		17.71	
HALLIDAY	0.30		0.08		0.64		T		2.46		2.20		4.19		2.15		0.39		0.42		E 0.65		0.10		E13.58	
HANKINSON R R STATION	0.52	-0.04	0.15	-0.43	0.93	-0.17	1.67	-0.22	2.71	0.30	2.11	-1.80	2.87	0.41	5.64	3.21	0.69	-1.00	0.99	-0.05	1.27	0.58	0.18	-0.41	19.73	0.38
HANNAH	0.83	0.29	0.41	-0.04	1.08	0.31	0.03	-1.06	1.68	-0.38	2.75	-0.91	3.25	0.55	4.29	1.40	0.52	-1.39	0.66	-0.40	1.49	0.79	0.65	0.23	17.64	-0.61
HANSBORO	0.33	-0.09	0.27	0.01	0.75	0.09	0.10	-0.82	1.40	-0.45	2.02	-1.71	3.19	0.60	2.30	-0.26	0.42	-0.95	0.35	-0.47	0.89	0.37	0.20	-0.13	12.22	-3.81
HARVEY	E 0.76	0.40	E 0.26	-0.13	1.05	0.34	0.26	-0.97	2.99	1.07	5.09	1.61	2.80	0.11	2.58	0.77	1.01	-0.42	0.50	-0.50	2.26	1.76	0.82	0.52	E20.38	4.56
HETTINGER	0.83	0.46	0.11	-0.18	0.31	-0.41	0.38	-0.87	1.70	-0.41	1.08	-2.39	4.76	2.78	1.04	-0.78	0.68	-0.45	0.67	-0.16	0.98	0.62	0.06	-0.17	12.60	-1.96
HILLSBORO	0.83	0.30	0.34	-0.20	1.15	0.32	0.66	-1.04	2.79	0.37	2.71	-1.06	2.99	-0.01	3.87	1.05	0.80	-1.08	1.38	0.25	1.87	1.11	0.56	-0.01	19.95	0.00
JAMESTOWN CAA AP R//	0.81		0.38		1.40		0.46		4.23		6.76		3.09		2.41		0.38		1.69		2.39		0.15		24.15	
JAMESTOWN STATE HOSP	0.64	0.18	0.23	-0.34	0.98	0.10	0.24	-1.40	3.99	1.80	6.86	3.54	3.80	1.07	2.12	-0.01	0.31	-1.01	1.44	0.27	1.77	1.10	0.13	-0.35	22.51	4.95
KEENE 2 S	0.14		0.09		1.23		0.14		2.02		2.66		3.41		1.50		0.43		0.51		0.69		0.37		13.19	
KENMARE	0.25	-0.25	0.09	-0.40	1.37	0.54	0.66	-0.41	1.67	-0.19	5.60	2.08	2.54	0.29	2.24	0.34	0.84	-0.52	0.35	-0.45	0.75	0.22	0.71	0.25	17.07	1.50
KENSAL WILDLIFE REFUGE	0.44		0.19		0.75		0.12		3.21		5.08		2.97		4.00		1.36		1.64		2.45		0.19		22.40	
KILLDEER 8 NW	0.19		0.10		1.01		0.09		2.45		0.93		5.59		1.88		0.21		0.09		1.15		0.69		14.38	
KULM	0.76		0.30		0.72		0.43		2.44		5.76		4.00		3.28		0.27		1.54		2.63		0.35		22.48	
LANGDON EXP FARM	1.44	0.65	0.57	-0.01	2.23	1.31	0.12	-1.17	2.51	0.56	5.13	2.07	4.05	1.43	4.70	2.07	0.38	-1.67	1.06	-0.05	1.65	0.90	0.85	0.29	24.69	6.38
LANSFORD	0.59		0.39		1.51		0.23		1.65		3.73		2.33		2.18		0.82		0.52		1.05		0.83		15.83	
LARIMORE	1.14	0.69	0.33	-0.13	1.56	0.70	0.23	-1.14	2.13	-0.08	3.39	0.30	1.28	-1.25	4.39	1.78	0.31	-1.42	1.52	0.32	1.45	0.67	E 0.90	0.43	E18.63	0.87
LEEDS	1.75		0.60		1.96		0.20		2.59		3.70		1.18		2.03		0.72		0.24		1.93		0.64		17.54	
LEFOR 10 E	0.64		0.09		0.54		0.14		2.55		2.47		4.90		3.24		0.30		0.60		0.89		0.23		16.59	
LINTON	0.86	0.46	0.21	-0.18	0.83	0.11	0.22	-1.14	3.28	1.23	6.85	2.76	4.09	1.62	3.09	1.24	0.75	-0.68	0.31	-0.79	1.83	1.43	0.29	-0.02	22.61	6.04
LISBON	0.50	-0.01	0.26	-0.32	E 1.30	0.40	E 1.36	-0.56	5.28	2.93	1.83	-2.03	2.57	0.04	1.67	-1.20	0.68	-0.79	1.68	0.49	1.40	0.73	0.33	-0.18	E18.86	-0.50
LITCHVILLE	0.41		0.20		0.82		0.63		3.60		2.27		2.30		1.76		0.55		1.77		1.70		0.14		16.15	
LOSTWOOD 12 N	0.09		0.06		0.64		0.26		-		-		-		-		1.51		0.31		1.19		E 0.33		-	
MADDOCK AGR SCHOOL	1.11	0.57	0.37	-0.09	1.61	0.87	0.20	-0.88	1.97	-0.04	5.50	1.93	2.08	-0.71	1.74	-0.35	1.15	-0.32	0.36	-0.54	1.40	0.90	0.62	0.22	18.11	1.56
MANDAN EXP STATION	0.59	0.09	0.05	-0.43	1.03	0.13	0.08	-1.34	3.45	1.50	3.61	-0.17	2.65	0.32	3.13	1.37	0.46	-0.88	0.14	-0.78	1.47	0.88	0.09	-0.28	16.75	0.41
MANDAN FT LINCOLN PARK	0.86		0.13		0.97		0.08		4.04		2.56		3.40		3.36		0.59		0.20		1.66		0.21		18.06	
MARMARTH	-		0.11	-0.34	-		0.38	-0.74	-		0.48	-3.11	1.89	-0.03	4.32	2.67	-		0.20	-0.72	0.27	-0.18	-		-	
MARTIN	E 0.72		0.01		0.51		0.03		2.46		1.77		3.61		2.38		0.93		0.22		1.31		0.46		E14.41	
MAX	0.58	0.13	0.36	-0.04	1.97	1.24	0.05	-1.20	2.77	0.58	4.97	0.99	4.16	1.50	2.01	-0.15	1.15	-0.15	0.43	-0.29	1.30	0.71	0.65	0.29	20.40	3.61
MAYVILLE	0.72	0.19	0.36	-0.17	1.58	0.90	0.91	-0.36	3.07	0.80	3.13	-0.39	1.48	-1.08	2.98	0.29	0.51	-1.23	1.41	0.35	1.63	0.99	0.67	0.18	18.45	0.47
MC CLUSKY	0.66	0.03	0.20	-0.31	0.98	0.14	0.04	-1.45	3.24	0.92	3.96	-0.11	4.03	1.89	3.23	1.32	0.74	-0.74	0.26	-0.76	1.83	1.18	0.61	0.10	19.78	2.21
MC HENRY 5 N	0.65		0.27		1.74		0.35		1.46		4.66		1.47		5.62		0.86		1.62		1.48		0.29		20.47	
MC LEOD 3 E	0.58	0.05	0.20	-0.27	0.88	-0.11	1.91	0.24	2.54	0.03	2.95	-0.49	4.64	1.79	4.00	1.35	1.08	-0.46	1.09	-0.03	1.56	0.86	0.27	-0.20	21.70	2.76
MC VILLE	0.63		0.33		1.12		0.18		2.02		3.93		1.29		4.18		0.68		1.50		E 1.48		0.39		E17.73	
MEDINA	0.22		E 0.22		0.73		0.15		3.66		4.53		3.69		3.86		0.42		1.39		2.50		0.12		E21.49	

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM LONG–TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MEDORA 3 NNE	0.19		0.08		E 0.54		0.14		2.40		0.65		3.28		0.84		0.48		0.32		0.43		0.20		E 9.55	
MEDORA 23 NNW	E 0.39		0.07		0.24		0.10		1.83		0.84		3.77		1.81		0.51		0.18		0.37		0.35		E10.46	
MINOT CAA AP	0.45		0.18		1.01		0.24		1.53		2.80		4.00		1.79		0.57		0.51		0.80		0.50		14.38	
MINOT EXP STATION	0.23		0.05		0.60		0.22		2.46		2.97		2.13		2.53		0.79		0.67		1.20		0.37		14.22	
MOFFIT 4 SE	0.42		0.06		0.74		0.08		5.38		5.97		2.59		3.51		0.67		0.38		1.88		0.20		21.88	
MOHALL	0.15	-0.35	0.09	-0.38	0.66	-0.23	0.26	-1.05	1.51	-0.50	5.11	1.10	2.73	0.18	2.63	0.45	0.97	-0.45	0.50	-0.33	0.91	0.33	0.46	0.02	15.98	-1.21
MONTPELIER	0.42		0.30		1.02		0.57		4.82		2.74		1.95		2.95		0.48		1.96		2.41		0.18		19.80	
MOTT	0.57	0.14	0.10	-0.31	0.38	-0.41	0.23	-0.84	3.61	1.71	2.02	-1.63	4.56	2.59	2.89	1.34	0.62	-0.65	0.52	-0.16	1.14	0.70	E 0.22	-0.08	E16.86	2.40
MUNICH 4 SW	1.04		0.23		2.01		0.14		2.05		4.82		1.98		3.13		0.50		0.68		1.62		0.54		18.74	
NAPOLEON	0.79	0.25	0.13	-0.32	1.07	0.12	0.10	-1.27	E 4.72	2.41	7.16	3.44	3.06	0.17	4.23	2.28	0.66	-0.74	0.55	-0.65	1.91	1.28	0.34	-0.03	E24.72	6.94
NEW ENGLAND	0.47	-0.16	0.09	-0.50	0.35	-0.76	0.16	-1.35	2.32	0.44	2.53	-1.47	3.82	1.43	4.17	2.59	0.40	-0.75	0.45	-0.40	1.07	0.55	0.23	-0.15	16.06	-0.53
NEW ROCKFORD 7 WNW	1.14		0.11		1.73		0.21		2.51		5.95		3.26		3.12		0.68		1.00		2.10		0.14		21.95	
NEW SALEM 1 S	0.74	0.29	0.21	-0.27	0.90	0.09	0.09	-1.20	2.97	0.95	5.00	1.46	3.37	1.16	2.75	0.95	0.40	-0.90	0.32	-0.44	1.18	0.71	0.23	-0.07	18.16	2.73
NEWTOWN	0.17	-0.33	0.07	-0.37	1.18	0.61	0.17	-1.04	1.96	0.30	1.30	-2.31	3.57	1.60	1.62	-0.06	0.57	-0.65	0.34	-0.40	0.37	-0.23	0.35	-0.04	11.67	-2.92
NOONAN	0.26		0.13		0.59		0.68		1.16		2.64		2.76		2.76		0.70		0.42		0.79		0.85		13.74	
NORTONVILLE	0.86		0.20		0.59		0.74		2.74		1.83		2.85		2.06		0.58		1.84		2.25		0.23		16.77	
OAKES	0.91	0.42	0.45	-0.14	1.45	0.52	1.04	-0.69	2.24	-0.08	2.09	-1.59	3.92	1.43	2.00	-0.04	0.69	-0.56	2.14	1.05	1.77	1.14	0.44	-0.06	19.14	1.40
PARK RIVER	E 1.41	1.05	0.40	0.04	1.99	1.25	0.03	-1.29	2.61	0.82	6.16	3.10	2.58	-0.31	5.22	3.03	0.34	-1.79	1.38	0.27	1.14	0.51	0.75	0.35	E24.01	7.03
PARSHALL	0.52	0.12	0.11	-0.20	1.54	1.07	0.31	-0.84	2.37	0.35	2.39	-1.15	3.70	1.29	4.13	2.46	0.96	-0.48	0.60	-0.12	0.70	0.21	0.42	0.14	17.75	2.85
PEMBINA 2 N	0.58	0.00	0.39	-0.05	0.73	0.01	0.06	-1.15	3.62	1.73	1.79	-1.28	2.86	-0.06	3.63	0.75	0.12	-2.33	1.62	0.44	0.53	-0.19	0.55	0.15	16.48	-1.98
PETERSBURG	1.08	0.66	0.56	0.13	1.83	1.14	0.21	-0.92	1.59	-0.44	5.10	1.95	1.94	-0.74	E 3.93	1.43	E 0.37	-1.41	1.41	0.24	1.48	0.91	0.37	-0.06	E19.87	2.89
PETTIBONE	0.69	0.22	0.20	-0.30	E 0.86	0.07	0.23	-1.16	3.97	1.86	5.11	2.10	3.64	0.92	3.35	1.20	0.48	-1.16	0.93	-0.22	2.63	2.13	0.25	-0.13	E22.34	5.53
PINGREE	0.61		0.18		0.79		0.26		3.41		5.21		2.80		3.14		0.60		1.46		2.47		E 0.19		E21.12	
PORTAL	0.19	-0.24	0.04	-0.40	0.98	0.31	0.51	-0.32	1.38	-0.50	3.16	-0.62	1.75	-0.35	1.53	-0.74	0.67	-0.57	0.30	-0.45	0.52	0.05	0.71	0.27	11.74	-3.56
POWERS LAKE 1 N	E 0.20		E 0.18		0.81		0.15		0.77		4.06		3.28		1.42		0.46		0.04		0.46		0.54		E12.37	
PRETTY ROCK	0.62		0.05		0.36		0.20		1.89		1.69		3.76		4.28		0.48		E 0.24		1.34		0.05		E14.96	
RAUB 10 SSW	0.49		T		0.71		0.29		2.56		2.45		5.73		1.46		0.31		0.57		0.32		0.18		15.07	
REEDER	0.97		0.22		0.53		0.38		1.42		1.50		4.29		4.22		0.56		0.86		0.88		0.35		16.18	
REEDER 14 N	0.40		0.03		0.19		0.13		1.71		1.16		4.02		3.08		0.62		0.75		0.85		0.16		13.10	
RICHARDTON ABBEY	0.74	0.18	0.17	-0.38	0.98	-0.07	0.10	-1.36	2.88	0.86	1.47	-2.52	2.78	0.19	2.35	0.56	0.66	-0.48	0.62	-0.21	1.01	0.19	0.30	-0.06	14.06	-3.10
RIVERDALE	0.38		0.09		1.02		0.04		4.50		7.29		5.88		2.41		0.51		0.33		1.03		0.29		23.77	
ROLLA	0.76		0.52		1.29		0.14		1.39		2.84		4.19		2.68		0.54		0.22		1.33		0.64		16.54	
RUGBY	0.76	0.18	0.43	0.04	1.91	1.13	0.24	-0.79	2.32	0.56	2.14	-1.23	2.26	-0.39	1.53	-0.68	0.74	-0.57	0.26	-0.55	1.27	0.74	0.73	0.20	14.59	-1.36
RYDER	0.43		0.23		1.22		0.15		2.53		3.99		3.69		2.33		0.83		0.71		1.11		0.38		17.60	
SAN HAVEN	0.44	-0.05	0.32	-0.08	1.12	0.54	0.07	-0.80	2.22	0.30	2.72	-0.79	2.04	-0.81	2.77	0.39	0.54	-0.85	0.12	-0.60	0.94	0.51	0.49	0.09	13.79	-2.15
SCRANTON	0.54		0.09		0.37		0.27		1.54		0.54		5.10		2.14		0.43		0.63		0.62		0.08		12.35	
SELFRIDGE 11 W	0.70		0.46		0.66		0.27		2.06		1.58		3.96		3.34		0.80		0.17		1.75		0.14		15.89	
SENTINEL BUTTE 20 S	0.02		T		0.04		0.19		2.33		1.13		3.78		1.90		0.60		0.20		0.55		T		10.74	
SHARON	0.89	0.37	0.40	-0.07	1.38	0.50	0.43	-1.01	2.35	-0.29	4.35	0.99	1.50	-1.16	3.87	1.13	0.75	-1.08	1.49	0.24	1.51	0.77	0.45	-0.07	19.37	0.32
SHERWOOD 3 N	0.36		0.29		1.53		0.69		1.28		5.67		2.84		1.93		0.62		0.41		0.79		0.52		16.93	
SHIELDS	0.78		0.07		0.52		0.15		3.05		2.85		3.16		3.02		0.66		0.08		1.81		0.19		16.34	
STANLEY	0.31		0.14		1.31		0.27		1.83		6.15		3.34		0.95		0.70		0.34		0.70		0.52		16.56	
STEELE	1.21	0.77	0.16	-0.21	1.27	0.67	0.18	-1.14	4.67	2.41	4.54	0.66	4.38	1.87	3.29	1.25	0.48	-1.23	0.54	-0.66	2.22	1.77	0.23	-0.09	23.17	6.07
SYKESTON	0.65		0.20		1.22		0.13		3.58		4.90		3.06		4.37		1.31		0.81		2.25		0.36		22.84	
TAGUS	0.16		0.10		1.32		0.23		1.85		5.28		4.22		1.41		1.02		0.48		0.75		0.61		17.43	
TIOGA 1 E	0.12		0.28		1.08		0.41		1.13		3.39		1.95		1.99		0.61		0.25		0.22		0.32		11.75	
TOLLEY 4 NE	E 0.25		0.21		0.47		T		0.74		3.54		3.58		2.19		0.30		1.00		E 1.33		0.26		E13.87	
TOWNER	0.43	-0.14	0.27	-0.18	1.01	0.05	0.55	-0.80	2.26	0.28	2.01	-1.68	2.05	-0.21	1.88	-0.36	0.65	-0.77	0.25	-0.54	1.32	0.69	1.03	0.50	13.71	-3.16
TROTTERS 6 SE	0.13	-0.41	0.09	-0.35	0.27	-0.48	0.09	-0.96	1.74	-0.10	1.00	-2.01	3.52	1.46	2.32	0.64	0.36	-0.80	0.28	-0.46	0.53	-0.01	0.31	-0.07	10.64	-3.55
TURTLE LAKE	0.72		0.25		1.41		0.06		-		-		3.32		1.27		0.95		0.25		1.36		0.51		-	
TUTTLE	0.78		0.12		0.85		0.09		3.60		3.22		3.95		2.92		0.46		0.36		1.74		0.37		18.46	
UNDERWOOD	0.91		0.15		1.05		0.03		4.00		4.12		5.36		1.86		0.35		0.27		1.37		0.52		19.99	
UPHAM 3 N	0.72		0.38		1.03		0.18		1.47		4.66		1.79		2.12		0.68		0.37		0.95		0.59		14.94	
VALLEY CITY	0.95	0.49	0.33	-0.16	1.31	0.56	0.77	-0.65	2.60	0.25	2.82	-0.48	1.70	-1.11	2.53	0.20	0.75	-0.75	1.70	0.52	1.69	0.95	0.23	-0.28	17.38	-0.46
VELVA	0.37	-0.20	0.11	-0.32	0.92	0.21	0.26	-1.03	1.98	-0.18	4.28	0.63	2.43	-0.13	2.41	0.30	0.77	-0.56	0.53	-0.27	1.47	0.78	0.57	0.11	16.10	-0.66
VERONA	1.01		0.30		1.02		0.62		3.61		2.66		3.38		1.56		0.44		1.78		1.37		0.25		18.00	
WAHPETON STATE SCHOOL	1.01	0.41	0.29	-0.28	1.24	0.38	2.62	0.63	3.06	0.42	2.03	-1.54	4.68	1.64	3.11	0.08	0.73	-0.88	1.04	-0.11	1.79	1.08	0.57	-0.04	22.17	1.79
WALHALLA	E 2.33		0.93		2.55		T		3.04		2.29		2.89		3.86		0.21		1.73		1.84		1.00		E22.67	
WARWICK	1.51		0.41		1.81		0.15		1.67		6.13		3.23		4.46		0.37		1.18		1.36		0.12		22.40	
WASHBURN	0.36	-0.04	0.15	-0.25	0.72	0.03	T	-1.32	5.25	3.50	2.59	-1.10	8.35	6.00	3.62	1.84	0.65	-0.67	0.27	-0.55	2.13	1.64	0.28	-0.04	24.37	9.04
WATAUGA S OAK 8 N	1.06		0.62		0.42		0.22		2.76		1.85		4.14		3.96		0.45		T		1.58		0.02		17.08	
WATFORD CITY	0.32	-0.29	0.10	-0.45	1.38	0.53	0.18	-1.15	2.64	0.79	2.82	-0.76	3.20	0.84	2.00	0.45	0.54	-0.71	0.12	-0.84	0.52	-0.04	0.89	0.40	14.71	-1.23
WATFORD CITY 14 S	0.08		0.09		0.46		0.03		1.54		3.82		4.75		1.92		0.55		0.12		0.53		0.29		14.18	
WESTHOPE	0.70		0.26		1.12		0.37		0.95		4.17		3.69		1.72		0.49		0.59		0.69		0.68		15.43	
WILDROSE	0.19	-0.35	0.12	-0.36	0.82	0.13	0.27	-0.63	1.10	-0.53	3.65	0.39	1.74	-0.06	2.61	0.76	0.41	-0.72	0.27	-0.49	0.68	0.23	0.57	0.09	12.43	-1.54
WILLISTON WB CITY R//	0.14	-0.35	0.10	-0.38	0.76	0.01	0.11	-0.96	1.86	0.20	3.24	-0.35	2.20	0.07	1.03	-0.38	0.58	-0.63	0.40	-0.37	0.27	-0.31	0.51	-0.03	11.20	-3.48
WILLISTON EXP FARM													-		1.62		0.50		0.28		0.31		0.36		-	
WILLOW CITY	0.38	-0.17	0.28	-0.11	1.07	0.37	0.14	-0.93	2.08	0.27	2.34	-1.36	2.12	-0.36	2.15	0.11	0.46	-0.80	0.19	-0.52	0.78	0.24	0.23	-0.28	12.22	-3.54
WILTON	E 0.60		E 0.15		E 0.89		E 0.05		E 4.11		3.46		5.22		2.92		0.40		0.22		1.31		0.47		E19.80	
WISHEK	0.79	0.34	0.12	-0.26	0.26	-0.45	0.28	-1.10	4.25	2.09	3.56	-0.20	3.86	1.10	3.96	2.18	0.57	-0.73	1.82	0.86	E 2.10	1.69	E 0.28	0.00	E21.85	5.52
WOODWORTH 5 E	0.47		0.25		0.84		0.03		4.98		4.00		1.60		4.54		0.50		1.05		2.61		0.31		21.18	
ZAHL	0.18		0.18		0.34		T		1.52		3.27		1.80		2.07		0.66		0.31		0.44		0.58		11.35	

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
ALMONT 7 SW	98	6-28	-22	1-20	4-17	14	4-27	18	4-28	23	5- 4	25	5- 4	25	9-29	29	10- 9	23	10- 9	23	11- 7	19	11-15	9	212	194	164	158	148
AMENIA	98	6-12	-32	2-17	4-27	16	4-28	20	4-29	23	5- 5	27	5- 5	27	9-14	28	9-14	28	10- 9	24	11- 8	16	11- 8	16	195	194	163	132	132
AMIDON	98	6-10+	-21	2-16	4-28	15	4-29	20	5- 2	24	5- 4	27	5-14	31	9- 4	29	-	-	-	-	-	-	-	-	-	-	-	-	113
ARVILLA STATE PARK	95	8-15	-38	2-17	4-28	13	5- 1	18	5- 7	22	6- 1	27	6- 1	27	9- 6	32	9- 8	24	9- 8	24	9-14	20	10-23	10	178	136	124	99	97
ASHLEY	95	6-10+	-32	2-17	4-27	15	4-27	15	5- 4	21	5- 4	21	5-15	31	9- 6	30	9-29	25	10- 9	15	10- 9	15	10- 9	15	165	165	158	148	114
BEACH	98	6-11+	-25	2-16+	4-28	16	4-28	16	4-28	16	5- 4	28	5-14	31	9- 4	28	9- 4	28	10- 9	22	10-30	19	11- 8	16	194	185	164	123	113
BELCOURT INDIAN RES	94	6-10	-36	12-17	4-28	12	4-29	18	4-29	18	5- 7	27	5-15	29	8-20	31	9- 5	28	9-14	18	9-14	18	10- 9	16	164	138	138	121	97
BELFIELD	98	6-11	-30	1-31	4-27	13	4-28	19	5- 4	23	5- 4	23	5-14	30	9- 4	29	10- 6	28	10- 9	23	10-29	18	10-30	16	186	184	158	155	113
BEULAH	98	7-26	-28	1-20+	4-28	16	5- 4	19	5- 4	19	5- 5	25	5-15	32	9- 6	26	9- 6	26	10- 9	14	10- 9	14	10- 9	14	164	158	158	124	114
BISBEE	93	6-10	-31	2-17	4-27	13	4-28	18	4-28	18	5- 1	28	5-15	31	9- 6	29	9-14	27	10- 9	23	10-23	16	10-23	16	179	178	164	136	114
BISMARCK WB AP	99	6-10	-28	2-17	4- 8	16	4-27	20	5- 4	24	5- 4	24	5- 4	24	9- 6	32	9-29	25	10- 9	18	10- 9	18	11- 7	16	213	165	158	148	125
BOTTINEAU	96	6-11+	-	-	4-28	16	4-28	16	4-29	23	5- 5	28	5-15	32	9- 6	28	9- 6	28	9-29	24	10-26	16	10-26	16	181	181	153	124	114
BOWBELLS	98	6-10	-29	12- 6	4-28	13	4-28	13	4-29	24	5-31	28	5-31	28	8-19	31	9- 5	27	9- 6	23	10- 9	13	10- 9	13	164	164	130	97	80
BOWMAN COURT HOUSE	100	6-11+	-21	2-16	4-27	15	4-27	15	5- 2	23	5- 4	28	5-14	30	9- 4	29	10- 8	28	10- 9	23	10-26	20	11- 6	15	193	182	160	157	113
BUTTE	-	-	-23	1-20+	-	-	-	-	-	-	-	-	-	-	8-20	31	10- 9	22	10- 9	22	11- 7	19	11- 8	12	-	-	-	-	-
CARRINGTON	95	8-16	-	-	4-28	15	4-29	19	4-29	19	5- 5	26	5- 5	26	9- 6	31	9-14	27	10- 9	23	10-23	18	11- 8	12	194	177	163	132	124
CARSON NO 2	100	6-11	-	-	4-17	16	4-28	19	5- 4	23	5- 4	23	5- 5	32	9- 4	32	9-29	27	10- 9	18	10- 9	18	11- 8	16	205	164	158	148	122
CAVALIER	94	6- 9+	-29	2-17	4-27	13	4-28	19	4-29	22	5- 1	26	5-24	30	9- 8	32	9-14	28	10- 9	23	10-23	18	11- 8	11	195	178	163	136	107
CENTER	94	8-15	-	-	4-23	15	5- 4	20	5- 4	20	5- 4	20	-	-	8-20	32	9- 6	26	9-29	20	9-29	20	10- 9	14	169	148	148	125	-
COOPERSTOWN	98	8-15	-34	2-17	4-28	16	4-28	16	4-29	21	5- 5	27	5-15	32	9- 7	31	9-14	26	10- 7	20	10- 7	20	11- 8	13	194	162	161	132	115
CROSBY	102	6-10	-27	12- 6+	4-28	13	4-28	13	5- 3	24	5- 4	25	5-31	32	9- 4	29	10- 9	16	10- 9	16	10- 9	16	10- 9	16	164	164	159	158	96
DEVILS LAKE WB CITY	93	6-10	-26	2-17	4-27	15	4-28	20	4-29	22	4-29	22	5- 5	31	9- 6	32	9-14	27	10-23	19	10-23	19	11- 7	16	194	178	177	138	124
DICKINSON CAA AP	99	7-25	-20	1-20	4-27	14	4-27	14	4-27	14	5- 4	25	5- 4	25	9- 4	31	10- 8	25	10- 9	23	11- 7	19	11-14	13	201	194	165	157	123
DICKINSON EXP STATION	100	7-25	-25	2- 1	4-28	16	4-28	16	5- 4	23	5- 4	23	5-14	32	8-20	32	10- 8	27	10- 9	18	10- 9	18	11-15	6	201	164	158	157	98
DRAKE	94	6-11	-26	1-21	4-28	16	4-28	16	4-29	24	5- 4	28	5- 5	32	9- 6	31	10- 9	22	10- 9	22	-	-	11- 8	9	194	-	163	158	124
DUNN CENTER 2 SW	100	6-11	-25	1-20+	4-27	15	4-30	20	4-30	20	5- 4	26	5- 4	26	9- 6	29	10- 9	20	10- 9	20	10- 9	20	11-14	10	201	162	162	158	125
ECKMAN 2 SE	98	6-11	-31	2-17	4-29	16	5- 1	18	5- 6	22	5- 6	22	5-31	30	9- 6	27	9- 6	27	10- 9	18	10- 9	18	11- 8	7	193	161	156	123	98
EDGELEY EXP FARM	97	6-11+	-27	2-17	4-28	15	4-28	15	4-29	22	5- 4	25	5- 4	25	9- 6	31	9-29	27	10- 9	20	10- 9	20	11- 8	15	194	164	163	148	125
EDMORE 1 W	92	6-10+	-32	2-17	4-27	15	4-29	20	4-29	20	5- 1	28	5-15	30	9- 5	32	9- 6	28	9-14	19	9-14	19	10- 9	15	165	138	138	128	113
ELLENDALE	102	6-12	-30	2-17	4-27	16	4-28	20	5- 4	24	5- 4	24	5- 4	24	9-29	31	10- 9	23	10- 9	23	11- 8	13	11- 8	13	195	194	158	158	148
ENDERLIN	99	6-13	-28	2-17	4-28	16	4-28	16	4-28	16	5- 1	27	5-19	32	9- 6	32	9-14	27	10- 9	19	10- 9	19	11- 8	15	194	164	164	136	110
FAIRFIELD	98	6-10	-23	2-16	4-27	14	4-27	14	5- 2	23	5- 4	28	5- 4	28	9- 4	32	-	-	10- 8	23	10-25	19	11- 7	13	194	181	159	-	123
FARGO WB AP	99	6-12	-26	2-21	4-28	16	4-28	16	4-30	23	5- 1	28	5- 7	30	9- 6	32	9-14	27	10-23	21	11- 8	17	11-15	13	201	194	176	136	122
FESSENDEN	95	8-15	-28	2-17	4-27	16	4-28	18	4-29	22	5- 5	27	-	-	9- 6	30	9-14	28	10- 9	20	10- 9	20	11- 8	10	195	164	163	132	-
FORMAN	102	6-12	-26	2-17	4-23	14	4-28	20	4-28	20	5- 4	26	5- 4	26	9- 6	29	9-29	28	10- 9	19	10- 9	19	11- 8	13	199	164	164	148	125
FORT YATES	-	-	-27	1- 2	4-23	15	4-27	20	4-27	20	4-29	26	-	-	9- 4	32	-	-	-	-	10- 9	16	10- 9	16	169	165	-	-	-
FOXHOLM 7 N	96	6-10	-29	12-17	4-28	16	4-28	16	4-28	16	5- 4	27	5- 4	27	9- 6	25	9- 6	25	10- 9	19	10- 9	19	11- 8	5	194	164	164	125	125
FULLERTON	102	6-12	-28	2-17	4-27	16	4-28	19	4-29	24	5- 4	26	5- 4	26	9- 6	30	9-29	28	10- 9	19	10- 9	19	11- 8	14	195	164	163	148	125
GACKLE	95	6-10+	-29	1-20	4-27	13	4-29	19	5- 4	24	5- 4	24	5-15	32	9- 6	32	9-29	27	10- 9	24	11- 8	14	11- 8	14	195	193	158	148	114
GARRISON	97	7-26	-21	1-20+	3-31	15	4-28	17	4-29	22	5- 4	26	5- 5	30	9- 6	28	9- 6	28	10- 9	19	10- 9	19	11- 8	11	222	164	163	125	124
GRAFTON	95	6-10+	-35	2-19	4-27	15	4-27	15	4-28	22	4-30	27	6- 1	31	9- 6	31	9-14	25	10- 9	22	10-23	12	10-23	12	179	179	164	137	97
GRAND FORKS CAA AP	99	6-10	-31	2-17	4-27	15	4-27	15	4-29	24	4-30	27	5-15	32	9- 6	31	9-14	25	10- 9	23	10-23	16	10-23	16	179	179	163	137	114
GRAND FORKS UNIVERSITY	96	6-10+	-28	2-17+	4-27	14	4-27	14	4-29	22	4-30	26	5-15	31	9- 6	32	9-14	25	10- 9	24	10-23	18	11- 8	15	195	179	163	137	114
GRAND RAPIDS 1 N	98	6-12	-38	2-17	4-28	16	4-28	16	5- 4	23	5- 4	23	5-21	32	9- 6	28	9- 6	28	9-29	24	10- 9	15	10- 9	15	164	164	148	125	108
GRANVILLE	96	6-10	-27	2-17	4-28	15	4-28	15	4-28	15	5- 4	28	5- 5	29	-	-	-	-	-	-	10- 9	19	11- 8	8	194	164	-	-	-
GRENORA	100	6-10	-32	12- 6	4-29	13	5- 3	20	5- 3	20	5- 4	25	5- 7	29	-	-	9- 4	28	10- 9	19	10- 9	19	11-14	15	199	159	159	123	-
HANKINSON R R STATION	98	6-13	-21	1-20+	4- 8	12	4-28	17	4-28	17	4-30	25	5- 6	31	9-14	32	10- 9	26	10-24	21	11- 8	16	11- 8	16	214	194	179	162	131
HANNAH	92	6-10	-33	2-17	4-28	14	4-28	14	4-29	23	4-30	28	5-23	32	9- 6	29	9- 8	28	10- 9	20	10- 9	20	10-23	13	178	164	163	131	106
HANSBORO	94	6-10	-	-	-	-	-	-	-	-	-	-	5-15	31	9- 6	31	9-14	22	9-14	22	10-23	15	10-23	15	-	-	-	-	114
HETTINGER	98	6-28	-17	1-31+	4- 8	16	4-27	18	4-28	23	5- 2	26	5-14	29	9- 4	30	10- 9	24	10- 9	24	11- 5	20	11- 7	9	213	192	164	160	113
HILLSBORO	97	6-11+	-31	2-17	4-27	15	4-28	18	4-29	23	5- 1	27	5- 7	31	9- 8	32	9-29	27	10-10	24	10-23	20	11- 8	16	195	178	164	151	124
JAMESTOWN CAA AP	97	9-27	-32	2-17	4-27	15	4-29	20	4-29	20	5- 4	26	5- 4	26	9- 6	32	9-29	26	10- 9	17	10- 9	17	11- 8	14	195	163	163	148	125
JAMESTOWN STATE HOSP	96	8-15+	-32	2-17	4-27	15	4-28	17	4-29	21	5- 4	27	5- 4	27	9- 6	31	9-29	26	10- 9	19	10- 9	19	11- 8	14	195	164	163	148	125
KENMARE	97	6-10	-26	12- 6+	4-28	15	4-29	19	4-29	19	5- 3	28	5- 7	32	9- 6	28	9- 6	28	10- 9	19	10- 9	19	11- 7	16	193	163	163	126	122
KENSAL WILDLIFE REFUGE	95	8-15	-31	2-17	4-28	14	4-29	17	5- 5	23	5- 5	23	5-15	32	9- 6	31	9-29	22	9-29	22	10- 9	18	11- 8	10	194	163	147	147	114
LANGDON EXP FARM	92	6-10	-34	2-17	4-28	13	4-29	19	4-29	19	5-15	27	5-23	30	9- 6	27	9- 6	27	9-14	20	9-14	20	10-23	14	178	138	138	114	106
LARIMORE	94	6-10+	-30	2-17	4-27	14	4-29	20	5- 1	24	5- 1	24	5-19	32	9- 8	30	9-14	25	10- 9	23	10-23	20	10-26	16	182	177	161	136	112
LEEDS	93	6-10	-36	2-17	4-27	14	4-28	20	4-29	24	5- 1	28	5- 5	30	9- 6	29	9-14	26	9-29	24	10- 9	18	11- 8	10	195	164	153	136	124
LINTON	98	6-10+	-32	2-17	4-23	12	5- 4	20	5- 4	20	5- 4	20	5- 4	20	9- 6	29	9-23	28	10- 9	11	10- 9	11	10- 9	11	169	158	158	142	125
LISBON	98	6-12	-37	2-17	4-28	10	4-28	10	4-28	10	5- 4	26	5-19	30	9- 6	31	9-14	27	10- 9	17	10- 9	17	11- 8	13	194	164	164	133	110
LOSTWOOD 12 N	-	-	-27	1-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10- 9	12	10- 9	12	-	-	-	-	-
MADDOCK AGR SCHOOL	92	6-10+	-33	2-17	4-27	16	4-29	20	4-29	20	5- 5	27	5- 5	27	9- 6	30	9-14	26	10- 9	20	10- 9	20	10-23	16	179	163	163	132	124
MANDAN EXP STATION	94	6-11	-28	2-17	4- 8	15	4-28	20	5- 4	23	5- 4	23	5- 4	23	9- 6	31	9-29	24	9-29	24	10- 9	18	11- 8	9	214	164	148	148	125
MANDAN FT LINCOLN PARK	98	8-15	-29	2-17	4- 8	13	4-27	17	5- 4	23	5- 4	23	5- 4	23	9- 6	29	9-29	22	9-29	22	10- 9	16	10- 9	16	184	165	148	148	125
MARMARTH	-	-	-22	1-31	4-23	15	4-23	15	4-28	23	4-29	25	5- 6	30	9- 4	32	10- 9	22	10- 9	22	10-29	19	-	-	-	189	164	163	121
MAX	95	6-12+	-22	1-20	4-28	16	4-28	16	4-29	21	5- 4	27	5- 5	30	9- 6	31	10- 9	21	10- 9	21	11- 7	17	11- 8	7	194	193	163	158	124
MAYVILLE	96	8-15	-32	2-17	4-28	15	4-28	15	5- 1	24	5- 7	28	5-19	31	9- 6	31	9-14	26	10- 9	22	10-23	19	11- 8	16	194	178	161	130	110
MC CLUSKY	96	8-15	-25	2-17	4-27	16	4-28	20	4-29	21	5- 4	25	5- 5	30	9- 6	30	9-29	27	10- 9	19	10- 9	19	11- 7	15	194	164	163	148	124
MC HENRY 5 N	95	8-15	-30	2-17	4-28	16	4-29	17	4-30	24	5- 5	26	5-23	31	9- 6	28	9- 6	28	9-14	23	10-23	17	11- 8	10	194	177	137	124	106
MC LEOD 3 E	100	6-12	-28	2-17	4-27	15	4-28	18	4-29	24	5- 4	25	5-19	30	9- 6	31	-	-	-	-	10- 9	20	11- 8	13	195	164	-	-	110
MC VILLE	96	8-15	-32	2-17	4-28	16	4-29	19	4-29	19	5- 5	26	6- 1	32	9- 6	29	9-14	23	9-14	23	10- 9	20	11- 8	12	194	163	138	132	97
MEDORA 3 NNE	101	7-25	-31	2- 1	4-26	16	4-27	17	5-14	24	5-14	24	5-14	24	8-20	31	9- 4	25	9- 6	24	10- 9	12	10- 9	12	166	165	115	113	98
MINOT CAA AP	99	6-10	-22	1-19+	4-28	14	4-28	14	4-28	14	4-29	25	5- 4	29	9- 6	29	10- 8	28	10- 9	22	11- 7	12	11- 7	12	193	193	164	162	125
MINOT EXP STATION	95	6-11	-24	1-20+	4-28	16	4-28	16	4-29	21	4-29	21	5- 4	31	-	-	-	-	-	-	11- 7	18	11- 8	9	194	193	-	-	-
MOFFIT 4 SE	95	6-10	-29	2-17	4-23	12	5- 4	18	5- 4	18	5- 4	18	5-15	31	8-20	32	9-29	24	9-29	24	10- 9	15	10- 9	15	169	158	148	148	97
MOHALL	95	6-10	-27	2-17	4-28	15	4-28	15	4-28	15	5- 1	26	5- 5	31	9- 6	25	9- 6	25	10- 9	17	10- 9	17	11- 7	15	193	164	164	128	124
MOTT	98	6-28	-27	2- 1	4-23	13	4-27	17	5- 4	23	5- 4	23	5-14	29	9- 4	28	9- 4	28	10- 9	16	10- 9	16	10- 9	16	169	165	158	123	113
MUNICH 4 SW	89	6-10	-40	2-17	4-28	9	4-28	9	4-29	21	5-15	26	5-31	32	9- 4	29	9- 6	21	9- 6	21	9-14	17	10- 9	14	164	139	130	114	96
NAPOLEON	97	6-10+	-29	1-31	4-27	16	-	-	-	-	-	-	-	-	9- 6	32	9-29	25	10- 9	18	10- 9	18	11- 9	13	196	-	-	-	-
NEW ENGLAND	98	7-25	-22	1-31+	4-27	16	4-27	16	5- 4	24	5- 4	24	5-14	29	9- 4	28	9- 4	28	10- 9	18	10- 9	18	10-31	16	187	165	158	123	113
NEW SALEM 1 S	98	6-10	-23	1-20	4- 8	13	4-27	17	5- 4	23	5- 4	23	5- 4	23	9-29	28	9-29	28	10-23	21	11- 7	13	11- 7	13	213	194	172	148	148
NEWTOWN	96	6-10+	-25	1-20	4-27	14	4-27	14	4-28	22	5- 4	25	5- 7	30	9- 6	29	10- 9	16	10- 9	16	10- 9	16	10- 9	16	165	165	164	158	122
OAKES	100	6-13	-32	2-17	4-28	16	4-28	16	5- 4	23	5- 4	23	5- 4	23	9- 6	31	9-29	28	10- 9	17	10- 9	17	11- 8	13	194	164	158	148	125
PARK RIVER	94	6-10	-25	2-17	4-27	14	4-28	19	4-29	22	5- 1	26	5-24	32	9- 8	32	9-14	27	10-23	19	10-23	19	11-15	15	202	178	177	136	107
PARSHALL	95	6-10	-29	1-20	4-27	14	4-28	20	5- 4	24	5- 4	24	5-15	31	8-19	32	9- 6	28	10- 9	16	10- 9	16	10- 9	16	165	164	158	125	96
PEMBINA 2 N	94	6-11+	-36	2-17	4-27	13	4-28	17	4-29	23	5- 6	28	5-24	32	9- 6	29	9-14	24	9-14	24	10-23	15	10-23	15	179	178	138	131	105
PETERSBURG	-	-	-28	2-17	4-27	12	4-28	17	5- 1	22	5- 1	22	5-19	31	-	-	-	-	-	-	-	-	11- 8	13	195	-	-	-	-
PETTIBONE	95	8-15	-28	2-17	4-27	14	4-29	19	5- 4	22	5- 4	22	5-15	32	9- 6	30	9-29	21	9-29	21	10- 9	19	11- 8	7	195	163	148	148	114
PORTAL	97	6-11	-34	12- 6	4-29	14	4-29	14	4-30	22	5- 4	26	5-31	32	9- 5	29	9- 6	26	10- 9	17	10- 9	17	11- 7	16	192	163	162	125	97
POWERS LAKE 1 N	97	6-10	-30	1-20	4-28	14	4-28	14	5- 4	22	5-31	28	5-31	28	8-19	31	9- 6	25	10- 8	22	10- 9	12	10- 9	12	164	164	157	98	80
RAUB 10 SSW	-	-	-	-	4-27	16	4-27	16	4-28	23	5- 4	27	5-10	32	-	-	-	-	-	-	-	-	11- 8	16	195	-	-	-	-
RICHARDTON ABBEY	99	7-25	-20	1-20	4-27	15	4-27	15	4-27	15	5- 4	27	5- 4	27	9-29	31	10- 9	26	11- 6	23	11- 7	20	11-15	7	202	194	193	158	148
RIVERDALE	95	7-26	-21	2-17	3-30	13	4-28	17	4-29	23	5- 4	25	5- 5	29	9- 6	29	9-29	27	10- 9	18	10- 9	18	11- 8	12	223	164	163	148	124
ROLLA	93	6-10+	-26	2-17	4-28	16	4-28	16	4-29	24	5- 1	27	5-15	30	9- 6	32	9-14	23	9-14	23	10-23	15	10-23	15	178	178	138	136	114
RUGBY	96	6-10	-28	1-20	4-27	15	4-28	20	4-28	20	5- 4	28	5- 5	29	9- 6	29	9-14	28	10- 6	21	10- 9	19	11- 8	8	195	164	161	133	124

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
SAN HAVEN	94	6- 9+	-27	2-17	4-28	15	4-28	15	4-28	15	5- 4	27	5-15	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHARON	93	8-15	-29	2-17	4-27	13	4-28	17	4-30	22	5- 4	28	5-15	31	9- 6	29	9-14	25	10- 9	21	11- 8	13	11- 8	13	195	194	162	133	114
STANLEY	98	6-10	-26	1-20	4-28	15	4-28	15	5- 3	24	5- 4	25	5-31	31	9- 4	31	9- 6	25	10- 9	13	10- 9	13	10- 9	13	164	164	159	125	96
STEELE	96	6-10	-29	2-17	4-27	11	4-28	18	5- 4	22	5- 4	22	5- 4	22	9- 6	29	9-29	21	9-29	21	10- 9	15	10- 9	15	165	164	148	148	125
TIOGA 1 E	100	6-11	-26	1-20+	4-27	15	4-28	17	5- 4	24	5- 4	24	5-31	31	9- 4	26	9- 4	26	10- 6	23	10- 9	9	10- 9	9	165	164	155	123	96
TOWNER	97	6-10	-28	2-17	4-28	16	4-28	16	4-29	22	-	-	5-31	32	8-20	30	9- 6	22	9- 6	22	10- 9	11	10- 9	11	164	164	130	-	81
TURTLE LAKE	-	-	-26	1-20	4-27	15	-	-	-	-	-	-	-	-	-	-	9-29	26	10- 9	19	10- 9	19	11- 7	16	194	-	-	-	-
UNDERWOOD	97	6-12	-23	1-20+	4-28	15	4-30	20	5- 4	24	5- 4	24	5-15	32	9- 6	28	9- 6	28	10- 9	18	10- 9	18	11- 8	9	194	162	158	125	114
UPHAM 3 N	100	6-10	-33	2-17	4- 8	14	4-28	19	4-28	19	5- 5	27	5- 5	27	9- 6	26	9- 6	26	9-29	20	9-29	20	11- 8	5	214	154	154	124	124
VALLEY CITY	97	6-11	-	-	4-29	15	4-29	15	4-29	15	5- 4	26	5- 4	26	9-14	29	9-29	26	10- 9	20	10- 9	20	-	-	-	163	163	148	133
VELVA	94	6-10	-27	2-17	4-28	16	4-28	16	4-28	16	5- 5	27	5- 5	27	9- 6	29	10- 9	20	10- 9	20	10- 9	20	11- 8	10	194	164	164	157	124
WAHPETON STATE SCHOOL	99	6-12	-26	2-21	4-23	15	4-28	20	4-28	20	5- 4	28	5-19	32	9- 6	28	9- 6	28	10- 9	23	11- 8	15	11- 8	15	199	194	164	125	110
WASHBURN	94	6-28	-23	1-20	3-30	16	4-27	18	4-28	24	5- 4	25	5- 4	25	-	-	9- 6	26	-	-	-	-	-	-	-	-	-	125	-
WATFORD CITY	102	6-10	-25	12- 6	4-22	16	4-27	17	5- 3	24	5- 4	26	5- 7	32	9- 4	32	9- 6	28	10- 9	17	10- 9	17	10-30	16	191	165	159	125	120
WATFORD CITY 14 S	103	6-10	-25	2- 1+	4-22	14	4-27	17	4-27	17	5- 4	25	5-31	32	9- 4	30	9- 6	27	10- 9	16	10- 9	16	10- 9	16	170	165	165	125	96
WESTHOPE	98	6-10	-28	1-20+	4-28	15	4-28	15	4-28	15	4-29	27	5-15	32	9- 6	25	9- 6	25	10- 9	15	10- 9	15	10- 9	15	164	164	164	130	114
WILLISTON WB CITY	99	6- 9+	-24	12- 6	4- 7	16	4-27	18	4-27	18	5- 3	26	5- 4	31	10- 8	29	10- 9	19	10- 9	19	10- 9	19	11-14	13	221	165	165	159	157
WILLISTON EXP FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10- 6	28	10- 9	18	10- 9	18	11- 8	16	-	-	-	-	-
WILLOW CITY	97	6-10	-37	2-17	4-27	14	4-28	19	4-28	19	5- 5	28	5- 5	28	9- 6	29	9- 8	28	9-29	20	9-29	20	10- 9	13	165	154	154	126	124
WILTON	95	6-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10- 9	22	11- 7	16	11- 7	16	-	-	-	-	-
WISHEK	95	6-10+	-	-	4-27	15	5- 4	20	5- 4	20	5- 4	20	5- 4	20	9- 4	32	9-29	24	9-29	24	10- 9	15	10- 9	15	165	158	148	148	123

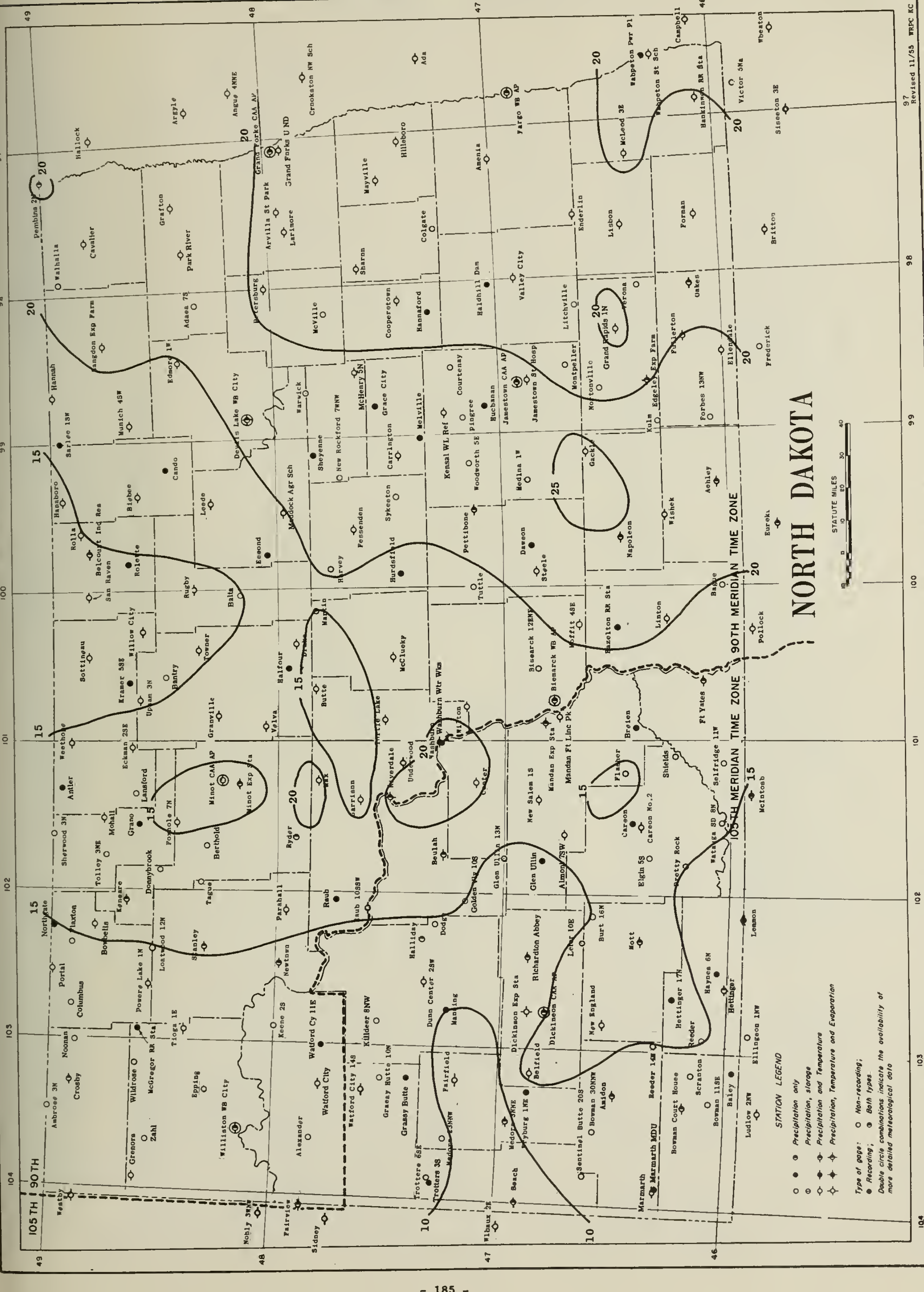
Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEVILS LAKE WB CITY	EVAP	-	-	-	2.758	5.14	7.018	5.648	5.538	2.70	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	21108	1937	1466	1035	1170	1282	-	-	-	-
DICKINSON EXP STATION (A)	EVAP	-	-	-	-	4.59	7.668	5.998	6.52	3.93	-	-	-	-
	DEP	-	-	-	-	-1.02	+1.57	-1.98	-0.73	-1.05	-	-	-	-
	WIND	-	-	-	-	3955	3930	2970	2890	2850	-	-	-	-
EDGELEY EXP FARM	EVAP	-	-	-	3.948	6.21	8.12	7.08	7.15	5.25	5.17	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	40688	2959	2730	1760	1775	1925	2669	-	-	-
MANDAN EXP STATION (A)	EVAP	-	-	-	3.248	4.97	6.49	5.53	5.83	3.48	-	-	-	-
	DEP	-	-	-	-0.38	-0.37	+0.56	-1.80	-0.74	-1.03	-	-	-	-
	WIND	-	-	-	4406	4332	3397	2450	2654	2765	-	-	-	-
RIVERDALE	EVAP	-	-	-	4.538	6.92	8.828	7.808	7.64	5.10	4.75	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	35628	4208	3362	2432	2665	3078	3969	-	-	-
WILLISTON EXP FARM	EVAP	-	-	-	-	-	-	-	8.98	6.94	4.99	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	2164	3303	4164	-	-	-

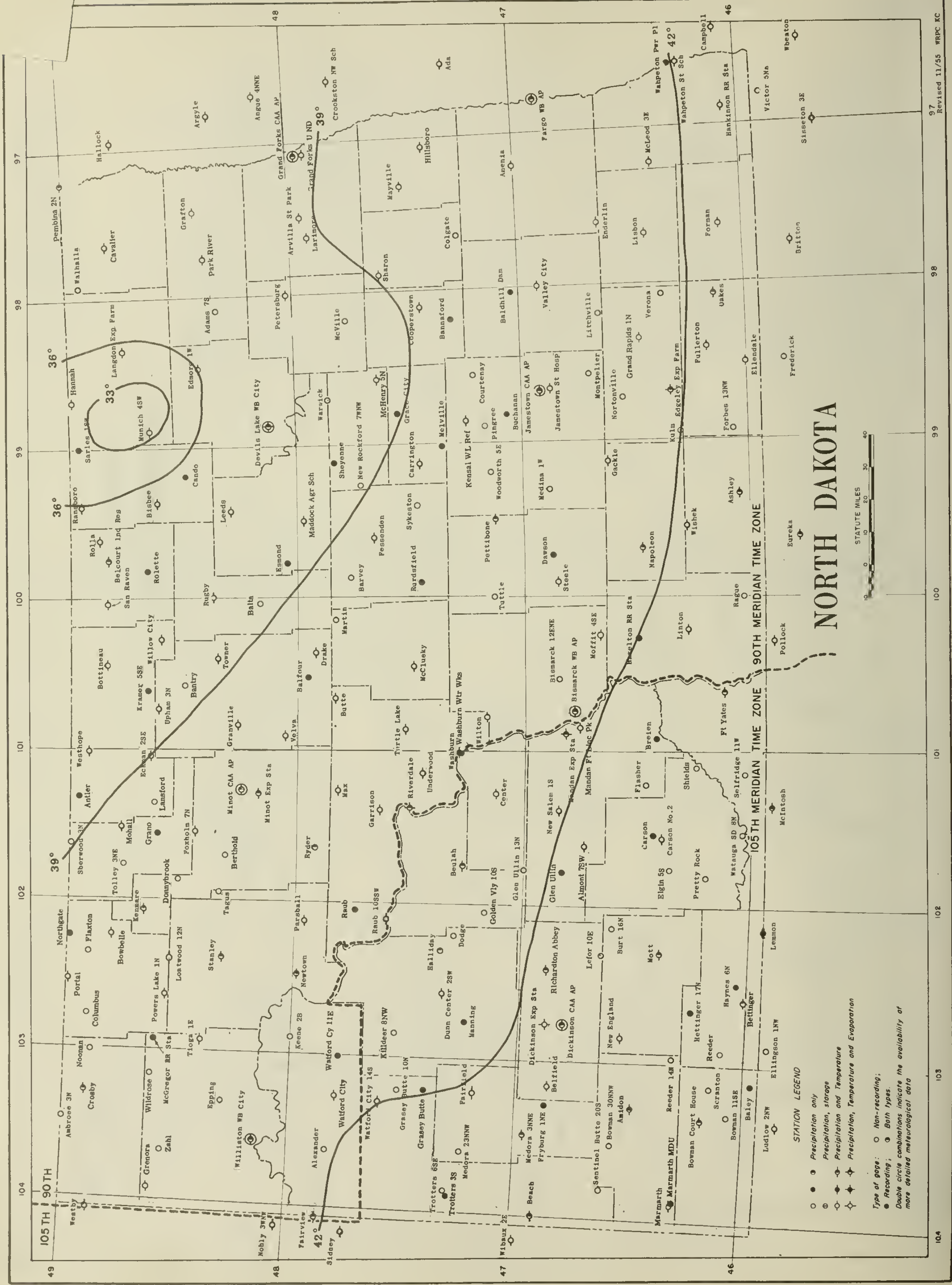
(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
							Temp.	Precip.	Evap.	Month opened	Month closed	
ABERCROMBIE 3 NW	0005	RICHLAND	10	46 28	96 47	935				FEB		2
ADAMS 7 S	0022	WALSH	10	48 20	98 06	1554		-				2
ALEXANDER	0096	MCKENZIE	13	47 50	103 38	2200		15				2
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	14	14				1 2 3
AMBROSE 3 N	0189	DIVIDE	12	49 00	103 28	2027		6				2
AMENIA	0196	CASS	11	47 00	97 13	960	7	7				1 2 3
AMIDON	0209	SLOPE	1	46 29	103 19	2910	35	35				1 2 3 C
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540						C
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	13	13				1 2 3
ASHLEY	0382	MCINTOSH	8	46 02	99 22	2001	61	61				1 2 3 C
BALDHILL DAM	0450	BARNES	11	47 02	98 02	1300						C
BALFOUR	0492	MCHENRY	12	47 57	100 32	1615						C
BALTA	0500	PIERCE	11	48 10	100 02	1550		6				2
BANTRY	0516	MCHENRY	12	48 30	100 36	1458		6				2
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	-	-				1 2 3 C
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1960	12	12				1 2 3 C
BELFIELD	0639	STARK	4	46 53	103 11	2583	39	39				1 2 3
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6				2
BEULAH	0766	MERCER	6	47 16	101 47	1780		42				1 2 3 C
BISBEE	0796	TOWNER	2	48 37	99 22	1600	54	54				1 2 3
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	17	17				1 2 3 C
BISMARCK 12 ENE	0827	BURLEIGH	8	46 51	100 33	1709		3				2
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1640	65	65				1 2 3
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	31	31				1 2 3
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2980	42	42				1 2 3 C
BOWMAN 9 SE	0998	BOWMAN	3	46 05	103 19	2835		5				2
BOWMAN 30 NNW	1001	SLOPE	7	46 35	103 31	2505		5				2
BREIEN	1052	MORTON	1	46 24	100 56	1720						C
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572						C
BURT 16 N	1216	HETTINGER	1	46 36	102 08	2344		5				2
BUTTE	1225	MCLEAN	12	47 50	100 40	1880	32	32				1 2 3
CANDO	1288	TOWNER	2	48 29	99 12	1481						C
CARRINGTON	1360	FOSTER	5	47 27	99 08	1586	59	59				1 2 3
CARSON	1365	GRANT	4	46 25	101 34	2300						C
CARSON NO 2	1370	GRANT	4	46 25	101 34	2310	45	45				1 2 3
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	21	49				1 2 3
CENTER	1456	OLIVER	8	47 07	101 18	2100	19	19				1 2 3
COLGATE	1686	STEELE	10	47 14	97 39	1180		23				2
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6				2
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	60	60				1 2 3
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		23				2
CROSBY	1871	DIVIDE	12	48 54	103 18	1952	50	50				1 2 3 C
DAWSON	2018	KIDDER	8	46 52	99 45	1730						C
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	52	81	6			1 2 3 4C
DICKINSON CAA AP	2183	STARK	4	46 47	102 48	2595	16	16				1 2 3 C
DICKINSON EXP STATION	2188	STARK	4	46 53	102 48	2460	65	65	-			1 2 3 4
DODGE	2215	DUNN	6	47 18	102 12	1989						C
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6				2
DRAKE	2298	MCHENRY	12	47 55	100 22	1634	27	27				1 2 3
DUNN CENTER 2 SW	2365	DUNN	6	47 20	102 38	2232	58	58				1 2 3
ECKMAN 2 SE	2472	BOTTINEAU	12	48 39	101 01	1495	51	51				1 2 3
EDGELEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	56	56	-			1 2 3 4C
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1520	33	33				1 2 3
ELGIN 5 S	2592	GRANT	1	46 21	101 49	2241		6				2
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	58	58				1 2 3
ENDERLIN	2695	RANSOM	11	46 37	97 36	1120	4	4				1 2 3
EPPING	2735	WILLIAMS	8	48 17	103 21	2224		48				2
ESMOND	2767	BENSON	11	48 02	99 46	1650						C
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		29				1 2 3
*FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	76	76				1 2 3 C
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	45	45				1 2 3
FLASHER	3009	MORTON	1	46 27	101 14	1930		7				2
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6				2
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	1988		5				2
FORMAN	3117	SARGENT	10	46 06	97 39	1249	65	65				1 2 3
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	57	57				1 2 3 C
FOXHOLM 7 N	3217	WARD	12	48 27	101 34	1609	32	36				1 2 3
FRYBURG	3277	BILLINGS	4	46 53	103 18	2775						C
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	59	59				1 2 3
GACKLE	3309	LOGAN	5	46 38	99 08	1951	26	26				1 2 3
GARRISON	3376	MCLEAN	8	47 38	101 25	1911	80	80				1 2 3
GLEN ULLIN	3496	MORTON	4	46 49	101 49	2090						C
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6				2
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6				2
GRACE CITY	3583	FOSTER	5	47 33	98 48	1495						C
GRAFTON	3594	WALSH	10	48 25	97 25	827	65	65				1 2 3
*GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	16	16				1 2 3 C
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	66	66				1 2 3
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 28	98 21	1360	6	6				1 2 3
GRANO	3676	RENVILLE	12	48 37	101 35	1625						C
GRANVILLE	3686	MCHENRY	12	48 16	100 51	1504	50	50				1 2 3
GRASSY BUTTE	3696	MCKENZIE	7	47 24	103 14	2660						C
GRASSY BUTTE 10 N	3701	MCKENZIE	7	47 31	103 14	2497		6				2
GRENORA	3736	WILLIAMS	8	48 37	103 56	2114	48	48				1 2 3
HAGUE	3826	EMMONS	8	46 02	100 00	2651		2				2
HALEY	3836	BOWMAN	3	45 58	103 08	2695						C
HALLIDAY	3846	DUNN	6	47 21	102 20	2048		15				2
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	28	28				1 2 3
HANNAFORD	3926	GRIGGS	11	47 18	98 12	1428						C
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	63	63				1 2 3
HANSBORO	3963	TOWNER	9	48 57	99 23	1600	49	49				1 2 3
HARVEY	4013	WELLS	11	47 46	99 55	1595		54				2
HAYNES 9 NNE	4073	ADAMS	1	46 05	102 26	2572						C
HAZELTON R R STATION	4083	EMMONS	8	46 29	100 17	1978						C
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	50	50				1 2 3
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	2610						C
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	51	51				1 2 3
HURDSFIELD	4343	WELLS	5	47 27	99 55	1915						C
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	16	16				1 2 3 C
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 41	1457	65	65				1 2 3
KEENE 2 S	4571	MCKENZIE	8	47 54	102 56	2346		6				2
KENMARE	4646	WARD	12	48 40	102 05	1800	25	25				1 2 3 C
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 16	98 52	1451	16	16				1 2 3
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6				2
KRAMER 5 SE	4823	BOTTINEAU	12	48 39	100 37	1457						C
KULM	4843	LA MOURE	5	46 18	98 57	1970		5				2
LANGDON EXP FARM	4958	CAVALIER	9	48 45	98 20	1615	61	61				1 2 3
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6				2
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	64	64				1 2 3
LEEDS	5078	BENSON	2	48 17	99 26	1515	16	16				1 2 3
LEFOR 10 E	5088	STARK	4	46 38	102 21	2545		6				2
LINTON	5210	EMMONS	8	46 16	100 14	1685	40	40				1 2 3
LISBON	5220	RANSOM	11	46 26	97 42	1089	53	53				1 2 3
LITCHVILLE	5230	BARNES	11	46 39	98 11	1467		5				2
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	5	5				1 2 3
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	42	42				1 2 3
MANDAN EXP STATION	5479	MORTON	4	46 48	100 54	1750	43	43	-			1 2 3 4C
MANDAN FT LINCOLN PARK	5484	MORTON	8	46 45	100 52	1674	13	13				1 2 3
MANNING	5519	DUNN	6	47 14	102 46	2219						C
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	44	48				1 2 3
MARMARTH M D U CO	5575	SLOPE	7	46 18	103 55	2710						C
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		7				2
MAX	5638	MCLEAN	8	47 49	101 18	2093	28	28				1 2 3
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	61	61				1 2 3
MCCLUSKY	5710	SHERIDAN	8	47 29	100 28	1943	32	39				1 2 3
MCGREGOR R R STATION	5720	WILLIAMS	8	48 36	102 56	-						C
MCHENRY 5 N	5730	EDDY	11	47 38	98 35	1509	34	34				1 2 3
MCLEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	45	45				1 2 3
MCVILLE	5764	NELSON	10	47 46	98 10	1467		13				2
MEDINA	5798	STUTSMAN	8	46 53	99 19	1795		16				2
MEDORA 3 NNE	5813	BILLINGS	7	46 58	103 30	2250	-	-				1 2 3 C
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		5				2
MELVILLE	5833	FOSTER	5	47 20	99 02	1625						C
MINOT CAA AP	5988	WARD	12	48 15	101 17	1722	61	61				1 2 3
MINOT EXP STATION	5993	WARD	12	48 10	101 18	1720	11	11				1 2 3 C
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760	3	14				1 2 3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	63	63				1 2 3
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	1379		16				2
MOTT	6155	HETTINGER	1	46 23	102 20	2420	50	50				1 2 3 C
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	9	9				1 2 3
NAPOLEON	6255	LOGAN	8	46 30	99 46	1956	65	65				1 2 3 C
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	65	65				1 2 3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		7				2
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	53	53				1 2 3
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	4	4				1 2 3 C
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6				2
NORTHGATE	6535	BURKE	12	49 00	102 16	1850						C
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	1508		5				2
OAKES	6620	DICKEY	5	46 08	98 05	1320	28	28				1 2 3 C
PARK RIVER	6857	WALSH	10	48 23	97 45	998	53	53				1 2 3
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	25	42				1 2 3
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	83	83				1 2 3 C
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	13	26				1 2 3
PETTIBONE	7047	KIDDER	8	47 07	99 31	1855	48	48				1 2 3 C
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		5				2
PORTAL	7201	BURKE	12	49 00	102 33	1954	43	43				1 2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	31	52				1 2 3
PRETTY ROCK	7311	GRANT	1	46 10	101 51	-		16				2
RAUB	7405	MCLEAN	8	47 44	102 04	1885						C
RAUB 10 SSW	7408	MCLEAN	8	47 36	102 06	1958	63	63				1 2 3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6				2
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2784		7				2
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2470	41	41				1 2 3 C
RIVERDALE	7585	MCLEAN	8	47 30	101 21	1950	-	-	-			1 2 3 4C
ROLETTE	7655	ROLETTE	12	48 40	99 50	1630						C
ROLLA	7664	ROLETTE	2	48 52	99 37	1819	19	19				1 2 3
RUGBY	7704	PIERCE	12	48 22	100 00	1560	9	28				1 2 3
RYDER	7749	WARD	8	47 55	101 40	2108		28				2 C
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	5	5				1 2 3
SARLES 1 SW	7844	TOWNER	9	48 56	99 00	1602						C
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		5				2
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	-		20				2
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	2662		5				2
SHARON	7986	STEELE	10	47 36	97 54	1516	30	33				1 2 3
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		9				2
SHEYENNE	8057	EDDY	11	47 50	99 07	1480						C
SHIELDS	8065	GRANT	1	46 14	101 07	1806		6				2
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	19	19				1 2 3 C
STEELE	8366	KIDDER	8	46 51	99 55	1857	63	63				1 2 3
SYKESTON	8608	WELLS	5	47 28	99 24	1634		5				2
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		28				2
TIOGA 1 E	8737	WILLIAMS	8	48 24	102 55	2245		28				1 2 3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 45	1742		6				2
TOWNER	8792	MCHENRY	12	48 21	100 24	1482	55	55				1 2 3
TROTTERS 6 SE	8807	GOLDEN VALLEY	7	47 18	103 52	2434		31				2
TROTTERS 3 S	8812	GOLDEN VALLEY	13	47 17	103 54	2420						C
TURTLE LAKE	8840	MCLEAN	8	47 31	100 53	1899	43	43				1 2 3
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		48				2
UNDERWOOD	8872	MCLEAN	8	47 27	101 08	2026	4	4				1 2 3
UPHAM 3 N	8913	MCHENRY	12	48 37	100 44	1425	16	16				1 2 3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	52	52				1 2 3
VELVA	8990	MCHENRY	12	48 03	100 55	1511	30	30				1 2 3
VERONA	9035	LA MOURE	5	46 22	98 05	1382		16				2
WAHPETON POWER PLANT	9095	RICHLAND	10	46 17	96 36	962						C
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	65	65				1 2 3
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		16				2
WARWICK	9185	BENSON	11	47 51	98 42	-		5				2
WASHBURN	9195	MCLEAN	8	47 17	101 02	1770	54	54				1 2 3
WASHBURN WATERWORKS	9205	MCLEAN	8	47 17	101 02	1730						C
WATAUGA S D 8 N	9219	GRANT	1	46 02	101 34	2074		6				2
WATFORD CITY	9233	MCKENZIE	8	47 48	103 17	2084	44	44				1 2 3
WATFORD CITY 11 E	9238	MCKENZIE	8	47 47	103 02	2130						C
WATFORD CITY 14 S	9246	MCKENZIE	7	47 36	103 17	1970	4	5				1 2 3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	51	51				1 2 3
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		27				2
# WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 37	1877	78	78				1 2 3 C
WILLISTON EXP FARM	9430	WILLIAMS	8	48 09	103 41	2105				JULY		1 2 3 4
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	65	65				1 2 3
WILTON	9455	MCLEAN	8	47 09	100 48	2171	22	22				1 2 3
WISHEK	9515	MCINTOSH	8	46 16	99 34	2010	36	36				1 2 3
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	1871		5				2
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6				2

‡ Drainage Code: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Climatological divisions, outlined on the maps in this bulletin, became effective with data for August 1956.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

-	No record
+	Also later date (dates) or months.
*	Amount included in following measurement.
V	Includes total for previous month. V in annual column means total is for a two-year period.
//	Gage is equipped with a windshield.
#	Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
B	Adjusted to full month.
C	Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
E	Amount is wholly or partially estimated.
M	One or more days' record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

NWRC, Asheville, N. C. -- 3-1-57 -- 1000

CHANGES IN STATION NAMES

NEW NAME	FORMER NAME	DATE
Bowman 9 SE	Bowman 11 SE	December
Fryburg	Fryburg 1 NE	October
Haynes 9 NNE	Haynes 6 N	November
Tolley 4 NE	Tolley 3 NE	January

RELOCATION AND CHANGES OF EQUIPMENT

Alexander	Rain gage moved 0.1 mile NW	June 8
Bowman 9 SE	Rain gage moved 2 miles N	December 7
Butte	Equipment moved 100 feet N	August 14
Crosby	Equipment moved 1 block SW	June 12
Dodge	Recorder moved 2 1/2 blocks NW	September 5
Donnybrook	Rain gage moved 2 blocks NW	October 16
Fryburg	Recorder moved 0.6 mile SW	October 25
Fryburg	Recorder moved 115 yards NE	December 6
Grano	Recorder moved 300 feet E	August 18
Haynes 9 NNE	Recorder moved 4.8 miles NE	November 20
Leeds	Equipment moved 2 blocks N	June 27
McVille	Temperature equipment installed	January 23
Mohall	Equipment moved 0.7 mile SW	August 18
Park River	Equipment moved 75 feet E	February 24
Petersburg	Equipment moved 2 1/2 blocks SE	September 21
Rolette	Recorder moved 7 blocks SE	November 29
Sharon	Equipment moved 100 feet W	July 25
Stanley	Equipment moved 1 1/4 blocks NE	October 15
Tolley 4 NE	Rain gage moved 2 miles ESE	January 24
Turtle Lake	Equipment moved 1 block SE	July 3
Velva	Equipment moved 150 feet E	November 28
Wahpeton Power Plant	Recorder moved 100 feet NW	September 29
Warwick	Rain gage moved 54 feet E	June 26
Wilton	Equipment moved 0.1 mile SW	June 1
Wishek	Equipment moved 8 blocks N	December 15
Zahl	Rain gage moved 100 yards NW	June 12

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

JANUARY 1957
Volume LXVI No. 1

THE LIBRARY OF THE
MAR 25 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

January was cold. Light snow fell on many days. Farm work centered mostly around the care of livestock.

The 6th and 7th were especially mild and most stations over the central and western sections registered their highest temperatures for the month on those dates. Monthly maximums ranged from 28 degrees at Munich 4SW on the 6th to 43 degrees at Mott on the 7th. Monthly maximums at most stations were in the 30s. They reached the 40s at only a few southwestern stations. Arctic air began pouring into the State on the evening of the 7th dropping the temperatures to near seasonal on the 8th and to 15 degrees to 20 degrees below seasonal by the morning of the 9th. The cold weather continued to the 16th. The period, 17th to 19th, was mild. Most stations over the east registered their highest temperatures for the month on the 19th. Another cold wave entered the State from the northwest on the 19th and by midnight the entire State was in the Arctic air. Temperatures continued to drop for several days and the cold spell continued, with brief interruptions, to the end of the month. Temperatures rose to near seasonal on the 27th and 30th but frigid temperatures returned promptly after each of those relatively mild days. Most stations registered their lowest temperatures on the 16th, 24th, 25th, or 29th. Monthly minimums ranged from -24 degrees at Hankinson Railroad Station on the 29th and 30th to -41 degrees at Watford City 14S on the 24th. Monthly minimums were between -25 degrees and -35 degrees at most stations. Monthly mean temperatures ranged from 7.6 degrees below zero to 6.9 degrees above zero. Monthly mean temperatures were below the long-term means at all stations. They were slightly below the long-term means over some eastern and northern counties but many degrees colder than the long-term means over the southwestern and extreme western counties. Most stations registered sub-zero temperatures on from 20 to 25 days. Afternoon temperatures climbed above the freezing mark at a few northern and central stations only once or twice during the month. These occurrences were on the 6th, 7th, or 19th. Temperatures at most southern stations climbed to above freezing on several afternoons. In general, temperatures during January 1957 were more severe than in most Januarys

Light snow fell on many days during January. The heaviest snows occurred during the third week. Monthly totals were generally below five inches but exceeded eight inches at a few western stations. The greatest amount, 14.0 inches, fell at Medora 3NNE. The snow cover at the end of the month ranged, in general, from about two inches over the west to about six inches over the east. Precipitation (melted snow) exceeded a half inch at only a few scattered stations. Many counties in the extreme north and along the southern boundary of North Dakota received less than one-fourth inch of precipitation. Precipitation at a very few stations exceeded the long-term January averages. Most stations received less than two-thirds their long-term means.

The weather during the first few days of January was ideal for outside work and for livestock. The roads were slippery at times. Snow and blowing snow reduced the visibility in some localities on several days during the month. Some side roads became temporarily blocked during the third week. Most livestock continued in good condition on heavy supplemental feeding. Feed supplies were ample. The weather on some days was too cold for outside work except the necessary chores. At the end of the month, the ice on the Missouri River at Bismarck was 27 inches thick.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

NORTH DAKOTA
JANUARY 1957

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 12:30A CST	Relative humidity averages - percent: 6:30A CST	Relative humidity averages - percent: 12:30P CST	Relative humidity averages - percent: 6:30P CST	Number of days with precipitation: Trace	Number of days with precipitation: .01-.09	Number of days with precipitation: .10-.49	Number of days with precipitation: .50-.99	Number of days with precipitation: 1.00-1.99	Number of days with precipitation: 2.00 and over	Number of days with precipitation: Total	Percent of possible sunshine	Average sky cover sunrise to sunset
BISMARCK WB AIRPORT	WNW	15	11.5	42	W	6	78	76	71	76	10	12	0	0	0	0	22	68	6.6
DEVILS LAKE WB CITY	-	-	9.2	29	NW	16	-	-	-	-	17	7	1	0	0	0	25	57	7.3
FARGO WB AIRPORT	N	15	15.4	42	NW	17	70	73	69	71	12	8	0	0	0	0	20	57	6.8
WILLISTON WB CITY	-	-	7.0	29	NW	16	-	69	59	62	9	10	2	0	0	0	21	45	7.3

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet: Total	Snow, Sleet: Max. Depth on Ground	Snow, Sleet: Date	No. of Days: .10 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		10.5	- 8.3	1.1		32	6	-29	29	1981	0	31	31	23	0.20		0.20	21	2.0	2	21+	1	0	0
CROSBY		10.8	- 8.0	1.4	- 4.6	32	6	-29	24	1971	0	31	31	22	0.17	- 0.19	0.10	3	2.8	2	3+	1	0	0
FOXHOLM 7 N		12.9	- 6.7	3.1	- 4.2	33	6	-32	29	1919	0	30	31	24	0.07	- 0.43	0.05	3	1.8	1	3+	0	0	0
GRENORA		12.4M	- 6.7	2.9M		32	6	-31	24	1920	0	31	31	20	0.12		0.06	4				0	0	0
KENMARE	AM	10.4	- 8.1	1.2		33	7	-26	29	1978	0	30	31	22	0.14	- 0.36	0.05	21				0	0	0
LOSTWOOD 12 N		10.4M	- 9.6M	0.4M				-29	24	2004	0		31											
MINOT CAA AP		11.0	- 7.0	2.0		32	6+	-29	29	1950	0	31	31	21	0.39		0.07	3+	4.2	2	21+	0	0	0
MINOT EXP STATION	AM	9.8	- 7.9	1.0		32	7+	-28	24	1983	0	31	31	22	0.29		0.14	21	3.5	2	5+	1	0	0
MOHALL		11.5	- 7.5	2.0	- 3.3	33	6	-26	29	1954	0	30	31	23	0.07	- 0.43	0.04	3		1	3+	0	0	0
NEWTOWN		12.1	- 6.9	2.6	- 3.4	32	6+	-31	24	1932	0	31	31	22	0.31	- 0.19	0.11	3	3.5	4	31	1	0	0
PARSHALL		12.0	- 9.0	1.5		32	6	-34	29	1969	0	31	31	24	0.22	- 0.18	0.08	3	1.9	2	5+	0	0	0
PORTAL	AM	8.8	-11.4	- 1.3	- 5.4	31	7	-29	24+	2057	0	31	31	25	0.11	- 0.32	0.05	3		1	3+	0	0	0
POWERS LAKE 1 N		8.8	-12.9M	- 2.1M		30	6+	-34	24	2098	0	31	31	22	0.03		0.03	3	1.0	1	3+	0	0	0
STANLEY		10.7	- 7.2	1.8		30	6	-28	24	1960	0	31	31	22	0.27		0.10	3	3.2	3	21+	1	0	0
TIOGA 1 E	AM	9.4	- 9.7	- 0.2		32	8	-31	24	2020	0	31	31	22	0.40		0.14	4				2	0	0
WILLISTON WB CITY	R //	10.5	- 7.1	1.7	- 8.3	32	7	-32	24	1963	0	31	31	19	0.60	0.11	0.18	3	7.1	5	31	2	0	0
WILLISTON EXP FARM		9.3M	- 9.1M	0.1M		29	6	-36	24	2011	0	31	31	21	0.20		0.05	11				0	0	0
DIVISION				1.1	- 5.2										0.22	- 0.24			3.1					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		9.1	-14.4	- 2.7		30	6	-40	29	2099	0	31	31	24	0.12		0.09	28	1.6	2	11+	0	0	0
BOTTINEAU	AM	6.2	-14.4	- 4.1	- 7.4	31	7	-34	29	2142	0	31	31	26	0.22	- 0.24	0.05	16+	2.2	7	1+	0	0	0
DRAKE	AM	10.3M	- 8.3	1.0M	- 5.0	31	7	-29	24	1994	0	31	31	23	0.19	- 0.26	0.08	21				0	0	0
ECKMAN 2 SE	AM	8.6	-13.8	- 2.6	- 5.6	32	7	-31	29	2096	0	31	31	26	0.17		0.09	21				0	0	0
GRANVILLE		13.0M	- 7.9M	2.6M	- 4.1	35	6	-29	24+	1933	0	30	31	23	0.19	- 0.36	0.10	21	2.0	2	31	1	0	0
LEEDS		10.4	- 8.8	0.8		32	6+	-28	24+	1992	0	31	31	23	0.12		0.12	21	1.5	1	2+	1	0	0
MADDOCK AGR SCHOOL		12.2	- 8.0	2.1	- 3.1	33	6	-29	24+	1950	0	30	31	22	0.10	- 0.44	0.05	5+		1	5+	0	0	0
ROLLA		9.5	-11.2	- 0.9		30	6	-30	24	2043	0	31	31	23	0.32		0.13	28	2.7	6	11+	1	0	0
RUGBY		11.7	- 8.9M	1.4M		32	6	-29	29	1979	0	31	31		0.19	- 0.39	0.09	21		3	21+	0	0	0
SAN HAVEN		8.1	-10.5	- 1.2	- 5.4	30	6	-30	24	2053	0	31	31	24	0.23	- 0.26	0.08	28	2.0	6	16+	0	0	0
TOWNER		11.0M	-10.6M	0.2M	- 4.8	32	6	-30	23		0	31	31		0.11	- 0.46	0.06	11	2.0	4	20+	0	0	0
UPHAM 3 N		13.0	- 8.8	2.1		35	6	-31	29	1950	0	30	31	23	0.14		0.06	21	1.8	4	21+	0	0	0
VELVA	AM	11.3	- 7.8	1.8	- 6.4	33	7+	-29	24+	1961	0	29	31	22	0.32	- 0.25	0.17	21	4.4	4	31	1	0	0
WESTHOPE		10.3	-10.0	0.2	- 3.5	33	6	-29	24+	2010	0	30	31	23	0.23		0.08	21	3.5			0	0	0
WILLOW CITY		11.0	-11.7	- 0.4	- 2.9	34	6	-35	29	2029	0	30	31	25	0.21	- 0.34	0.05	16+	2.1	3	28+	0	0	0
DIVISION				0.0	- 4.5										0.19	- 0.35			2.3					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		13.3	-12.9	0.2		34	19	-37	29	2009	0	30	31	26	0.21		0.15	21	6.0			1	0	0
BISBEE		7.7M	-10.5M	- 1.4M		30	6	-31	29	2059	0	31	31	23	0.20		0.10	28	2.0	3	28+	1	0	0
CAVALIER																								
DEVILS LAKE WB CITY	R //	10.0	- 8.5	0.8	- 4.0	32	19	-27	29	1991	0	31	31	23	0.40	0.00	0.11	21	4.0	4	21+	1	0	0
EDMORE 1 W		10.8	-11.3	- 0.3		31	6	-30	29	2022	0	31	31	27	0.21		0.08	21	2.6	5	28+	0	0	0
GRAFTON		11.7	- 8.5	1.6	- 3.1	32	19	-26	29	1965	0	31	31	25	0.32	- 0.40	0.15	21				2	0	0
GRAND FORKS CAA AP	R	11.1	-10.0	0.6		33	19	-28	29	1999	0	30	31	26	0.83		0.52	21	8.5	6	22+	2	1	0
GRAND FORKS UNIVERSITY		10.8	- 9.5	0.7	- 3.7	33	19	-30	29	1995	0	30	31	25	0.30	- 0.30	0.18	21	5.4	9	21+	1	0	0
HANNAH		8.8	-13.3	- 2.3		29	6+	-32	29	2085	0	31	31	27	0.22	- 0.32	0.10	28	2.6	4	28+	1	0	0
HANSBORO		10.1	-11.5	- 0.7	- 3.6	31	6	-31	29	2039	0	31	31	25	0.07	- 0.35	0.07	28	1.5	2	28+	0	0	0
LANGDON EXP FARM		8.5	-14.0	- 2.8	- 4.7	30	19	-34	29	2103	0	31	31	27	0.32	- 0.47	0.15	28	3.2	7	28+	1	0	0
LARIMORE		13.5M	- 9.1	2.2M	- 3.1	34	19	-29	29	1940	0	30	31	27										
MC VILLE		11.7	- 9.9	0.9		32	19	-32	29	1988	0	31	31	25	0.25		0.10	21	4.1	4	21+	1	0	0
MUNICH 4 SW		4.6	-19.7	- 7.6		28	6	-37	29	2251	0	31	31	30	0.33		0.11	21+	4.8	4	28+	2	0	0
PARK RIVER		12.1	- 7.8	2.2	- 2.2	33	19	-26	29	1948	0	30	31	24	0.17	- 0.19	0.07	28	1.9	3	1+	0	0	0
PEMBINA 2 N		11.9M	-13.5	- 0.8M		30	19+	-30	29	2043	0	31	31	29	0.19	- 0.39	0.09	30				0	0	0
PETERSBURG		10.3	- 9.0	0.7		31	19	-28	29	1996	0	31	31	23	0.20	- 0.22	0.08	21	2.4	4	21+	0	0	0
DIVISION				- 0.4	- 3.7										0.28	- 0.28			3.8					
WEST CENTRAL DIVISION																								
BEULAH	AM	12.3	-11.4	0.5		34	8+	-40	24	2000	0	29	31	22	0.29		0.15	20				1	0	0
BUTTE	AM										0		31		0.06		0.03	21	5.0	5	31	0	0	0
CENTER		13.3	- 9.4	2.0		32	6+	-34	29	1952	0	31	31	21	0.42		0.16	20	5.0	5	20+	3	0	0
DUNN CENTER 2 SW	AM	12.4	- 6.4	3.0	- 7.4	35	8	-30	24	1921	0	30	31	19	0.38	- 0.05	0.11	5+	5.7	5	21+	2	0	0
GARRISON	AM	11.2	- 7.2	2.0	- 6.3	36	8	-28	24	1953	0	30	31	21	0.33	- 0.26	0.16	21				2	0	0
MAX	AM	10.4	- 8.6	0.9	- 5.1	32	7+	-30	24	1987	0	31	31	22	0.30	- 0.15	0.10	21	3.5	3	21+	1	0	0
RAUB 10 SSW		12.8	- 5.7	3.6		34	7	-28	24	1904	0	30	31	22	0.37		0.30	31		6	31	1	0	0
RIVERDALE	AM	10.3	- 6.9	1.7		32	8	-31	29	1965	0	31	31	21	0.27		0.12	5	3.0	2	5+	1	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.											
											90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		12.1	- 9.2	1.5		33	6	-31	29	1967	0	30	31	23	0.30		0.08	5				0	0	0
UNDERWOOD	AM	10.9	- 8.8	1.1		32	1+	-31	24	1982	0	31	31	22	0.44		0.22	21		7	29+	1	0	0
WASHBURN		14.1M	- 6.6M	3.8M	- 6.4	32	6	-31	29	1885	0	31	31	21	0.50	0.10	0.30	21	6.0	6	31	1	0	0
WATFORD CITY																								
WATFORD CITY 14 S		16.0M	- 6.6M	4.7M		39	7	-41	24	1885	0	29	31	18	0.39		0.07	5	9.7	6	21+	0	0	0
WILTON			- 8.1M					-32	29		0	31	31		0.65		0.42	21				1	0	0
DIVISION				2.3	- 6.5										0.36	- 0.11			5.4					
CENTRAL DIVISION																								
CARRINGTON	AM	11.0	- 9.4	0.8	- 5.4	36	20	-31	29	1991	0	29	31	24	0.19	- 0.33	0.10	21	3.4	3	21+	1	0	0
FESSENDEN		13.5	- 7.1	3.2	- 3.1	33	6	-30	29	1914	0	30	31	23	0.36	- 0.21	0.25	21	7.0	5	31	2	0	0
JAMESTOWN CAA AP	R //	12.3	- 6.8	2.8		37	19	-29	29	1928	0	30	31	22	0.46		0.15	21	5.0	4	31	1	0	0
JAMESTOWN STATE HOSP		13.4	- 5.5	4.0	- 4.2	36	19	-29	29	1893	0	30	31	22	0.25	- 0.21	0.19	21	5.3			1	0	0
KENSAL WILDLIFE REFUGE		14.7	- 6.5	4.1		36	19	-30	29	1884	0	30	31	21	0.31		0.19	21	5.0	3	21+	2	0	0
MC CLUSKY		11.4	- 8.3M	1.6M	- 5.9	31	6	-31	29	1973	0	31	31	22	0.50	- 0.13	0.15	21	4.1	3	21+	2	0	0
MC HENRY 5 N		11.8	-10.1	0.9		34	19	-33	29	1988	0	30	31	25	0.20		0.08	5	3.3	4	23+	0	0	0
PETTIBONE		11.3M	- 9.6M	0.9M	- 5.6	30	6	-35	29	1998	0	31	31	23	0.14	- 0.33	0.07	5	2.3	2	31	0	0	0
STEELE		14.3	- 7.7M	3.3M	- 4.3	32	6	-33	29	1913	0	31	31	23	0.40	- 0.04	0.12	5+	10.5	6	21+	2	0	0
DIVISION				2.4	- 4.4										0.31	- 0.20			5.1					
EAST CENTRAL DIVISION																								
AMENIA		15.0M	- 8.2	3.4M		37	19	-29	29	1889	0	29	31	24	0.46		0.29	21	5.0	4	23+	1	0	0
COOPERSTOWN		13.0	- 8.5	2.3		33	19	-31	29	1944	0	30	31	24	0.20	- 0.27	0.10	21	2.3	2	21+	1	0	0
FARGO WB AP	R //	11.8	- 6.8	2.5	- 4.6	36	19	-27	29	1935	0	30	31	22	0.31	- 0.29	0.09	21	3.3	2	21+	0	0	0
HILLSBORO		13.6	- 6.8	3.4	- 2.9	33	19	-27	29	1907	0	30	31	24	0.39	- 0.14	0.25	21	4.0	4	21	1	0	0
MAYVILLE		12.7	- 6.8	3.0	- 3.8	35	19	-28	29	1922	0	30	31	22	0.33	- 0.20	0.19	21	4.1	3	21+	1	0	0
SHARON		10.9	- 8.8	1.1	- 3.7	33	19	-30	29	1981	0	30	31	24	0.30	- 0.22	0.25	21	4.0	4	21+	1	0	0
VALLEY CITY		14.5	- 5.8	4.4	- 4.1	36	19	-28	29	1880	0	29	31	22	0.39	- 0.07	0.23	21				1	0	0
DIVISION				2.9	- 3.0										0.34	- 0.16			3.8					
SOUTHWEST DIVISION																								
AMIDON	AM	15.3M	- 6.1M	4.6M		39	8			1859	0	29	31	23	0.07		0.04	12				0	0	0
BEACH	AM	14.7	- 6.5	4.1		40	3	-31	24	1889	0	28	31	20	0.53		0.12	21	8.0	5	21+	1	0	0
BELFIELD		14.9	- 5.9	4.5		35	2+	-31	24	1870	0	29	31	19	1.06		0.38	31		10	31	5	0	0
BOWMAN COURT HOUSE		17.2	- 5.2	6.0	- 8.8	40	2	-28	25+	1827	0	26	31	20	0.27		0.11	9				1	0	0
DICKINSON CAA AP	R //	13.8	- 5.5	4.2		37	7	-29	24	1885	0	29	31	19	0.42		0.10	12	4.3	4	24+	1	0	0
DICKINSON EXP STATION	AM	14.6M	- 7.4M	3.6M	- 7.1	37	8	-31	24+	1878	0	28	31	19	0.41	- 0.07	0.15	12	3.5	4	21+	3	0	0
FAIRFIELD		11.5	- 6.5	2.5		37	8	-28	16	1935	0	29	31	19	0 0.50		D 0.30	20	7.0	7	20+	2	0	0
HETTINGER		16.9	- 3.2	6.9	- 8.3	41	7	-25	25	1800	0	27	31	19	0.14	- 0.23	0.04	4+		2	21+	0	0	0
MARMARTH		18.5M	- 7.9M	5.3M	- 9.6			-35	26	1824	0	27	31	23										
MEDORA 3 NNE		18.4	- 9.7	4.4		39	7	-40	24	1881	0	24	31	21	0.58		0.09	5+	14.0	8	21+	0	0	0
MOTT		18.0	- 7.5	5.3	- 8.3	43	7	-32	29	1851	0	25	31	22	0.23	- 0.20	0.05	12+	2.0	2	20+	0	0	0
NEW ENGLAND		16.4	- 5.8	5.3	- 9.0	42	7	-27	25	1848	0	27	31	19	0.19	- 0.44	0.07	12+		3	24+	0	0	0
RICHARDTON ABBEY		13.4	- 4.6	4.4	- 8.5	37	7	-29	24	1877	0	28	31	18	0.50	- 0.06	0.10	21	7.6	5	23+	1	0	0
DIVISION				4.7	- 9.0										0.41	- 0.09			6.6					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		13.9	- 4.5	4.7		35	19	-28	24	1867	0	27	31	19	0.22		0.05	12+	5.1	5	23+	0	0	0
BISMARCK WB AP	R //	13.3	- 9.5	1.9	- 7.3	33	6+	-35	29	1958	0	28	31	23	0.43	0.07	0.08	5	6.5	3	21+	0	0	0
CARSON NO 2	AM	13.3	- 5.5	3.9	- 7.9	34	8	-28	24	1893	0	29	31	19	0.16	- 0.37	0.09	21	2.5	3	21+	0	0	0
FORT YATES	AM	13.5M	- 7.6M	3.0M	- 9.1	36	7+	-27	29	1926	0	27	31	20										
LINTON		15.5	-10.6M	2.5M	- 7.6	34	6	-35	29	1941	0	29	31	22	0.18	- 0.22	0.06	5		4	12+	0	0	0
MANDAN EXP STATION	AM	11.9	- 7.6	2.2	- 7.2	33	7	-32	29	1950	0	30	31	20	0.40	- 0.10	0.25	21	6.5	5	24+	1	0	0
MANDAN FT LINCOLN PARK		14.7	- 8.9	2.9		34	6+	-34	29	1923	0	28	31	22	0.35		0.16	21	7.0	5	28+	2	0	0
MOFFIT 4 SE		14.6	- 7.7	3.5		33	6	-35	29	1907	0	30	31	23	0.10		0.07	5	2.7	2	21+	0	0	0
NEW SALEM 1 S		13.0	- 6.2	3.4	- 7.6	37	7	-28	29	1909	0	29	31	20	0.45	0.00	0.14	21	8.0	7	28+	1	0	0
DIVISION				3.1	- 7.8										0.29	- 0.15			5.5					
SOUTHEAST DIVISION																								
ASHLEY		14.3	- 7.2	3.6	- 5.4	34	19	-32	29	1904	0	30	31	22	0.07	- 0.44	0.05	5	1.0	1	5+	0	0	0
EDGELEY EXP FARM	AM	14.1	- 8.2	3.0	- 6.0	35	20	-29	29	1924	0	29	31	24	0.11	- 0.33	0.06	5	3.4	2	12+	0	0	0
ELLENDALE		17.1	- 5.4	5.9	- 3.9	35	19	-26	29	1832	0	28	31	21	0.26	- 0.28	0.07	9	3.8	2	21+	0	0	0
ENDERLIN	AM	13.9	- 9.3	2.3		37	20	-30	30	1943	0	29	31	26	0.49		0.39	21	7.5	7	21	1	0	0
FORMAN		15.5	- 6.0	4.8		39	19	-27	29	1867	0	30	31	19	0.27	- 0.22	0.13	21	2.7	2	21+	1	0	0
FULLERTON		15.9	- 6.9	4.5	- 5.6	35	19	-28	29	1872	0	30	31	23	0.61	- 0.26	0.18	21	6.1	3	9+	3	0	0
GACKLE		13.1M	- 6.8M	3.2M		•34	19	-32	29	1918	0	30	31	20	0.11		0.05	21	4.3	3	21+	0	0	0
GRAND RAPIDS 1 N		15.9	- 8.5	3.7		37	19	-32	29	1899	0	29	31	25	0.28		0.11	5	4.5	3	5+	2	0	0
HANKINSON R R STATION	AM	15.0M	- 6.3	4.4M	- 4.8	39	20	-24	29+	1871	0	30	31	21	0.20	- 0.36	0.20	21	2.0			1	0	0
LISBON		15.3	- 8.7	3.3	- 5.4	38	19+	-30	29	1914	0	29	31	23	0.48	- 0.03	0.38	21	6.7	6	21+	1	0	0
MC LEOD 3 E		17.2	- 7.8M	4.7M	- 3.8	38	19	-30	29	1877	0	30	31		0.14	- 0.39	0.07	5	5.2			0	0	0
NAPOLEON		13.9	- 8.3	2.8	- 5.6	31	6+	-32	29	1928	0	31	31	22	0.30	- 0.24	0.17	21		5	21+	2	0	0
OAKES	AM	14.1	- 9.2	2.5	- 5.9	37	20	-27	29	1938	0	29	31	25	0.40	- 0.09	0.23	21		4	21+	1	0	0
WAHPETON STATE SCHOOL		17.1	- 5.2	6.0	- 3.6	38	19	-27	29	1826	0	28	31	22	0.39	- 0.21	0.25	21	6.1	4	21+	1	0	0
WISHEK	AM	12.7	-10.6M	1.1M	- 6.6	33	1	-33	29+	1994	0	30	31	24	0.22	- 0.23	0.05	5+	2.8	1	5+	0	0	0
DIVISION				3.7	- 5.1										0.29	- 0.24			4.3					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	.37			.02	T	.04	T		T			T	T		T	T	.01	T	T			.27	T		.01				T	T	T	.02
ADAMS 7 S	.R3					.04									.03	.04	.03	.02			.04	.52	.04	.01				.02	.04			
ALEXANDER	.37			.20		.05					.09			.04							.09	.03										.07
ALMONT 7 SW	.22			.01	T					.03			.05				.02				.02	.04		.05								T
AMBROSE 3 N	.19			.06		T				T										T	T	T	.07						.03	T	T	.03
AMENIA	.46					.07	.02										.03					.29		.05								
AMIDON	.07			T	T					.02			.04			T		T			T	.01		T	T			T	T	T	T	
ARVILLA STATE PARK	.21		T	T		.02	T											.04	T		T	.15		T					T			
ASHLEY	.07			T		.05				.01			.01	T			T	T			T	T			T							
BALTA	.27			.04			.02							T	T	T	.02	.01			.01	.10									T	.07
BANTRY	.25			.05														.05		.05		.05							.05			
BEACH	.53			.05	.02	.07			T	.05		T	.06	.04		.01	T	.03			.04	.12		.02	T					.01	.01	
BELCOURT INDIAN RES	.12			T				T				.02					T	T				.01							.09			
BELFIELD	1.06			.10	.03	.10		T	T			T	.23	.02	T	T	.03	T	T		.10	T	T		T	.03	T		T	T	.04	.38
BERTHOLD	.17			.05			T					.01					.02				T	.07							.02			
BEULAH	.29				.02	.08	T			.02			T	.01							.15										.01	
BISBEE	.20							T	T			T					.04					.06							.10			
BISMARCK WB AP R//	.43	T		.03	.04	.08			.01	.02		T	.05	T		T	.04	T		T	.05	.04		.03	T	T			.01	T	T	.03
BISMARCK 12 ENE	.09			T				.08	.01				T	T																		T
BOTTINEAU	.22			.02		T	T		T			.04					.05	.04	T		T	.01					.01		.05			
BOWBELLS	.20	T	T	T							T	T	T			T	T	T				.20										T
BOWMAN COURT HOUSE	.27			T	T	.06			T	.11			.04								T	T	T	T	.06							T
BOWMAN 9 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWMAN 30 NNW	.31			T		.01			T			.02	.04				.02	.07					T						.02	.06	.07	
BURT 16 N	.17			T	T	.04				.01		T	.02			T	T					.07		T	T	T	.03					
BUTTE	.06	T	T	T	.01	.01																.03	T									.01
CARRINGTON	.19	T				.03	.04	T						T		T		T	T		T	.10	T	T	.01				T			.01
CARSON NO 2	.16			T	T	T							.05	T							T	.09				.02	T					
CAVALIER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTER	.42			.10		.10							.06					T			.16								T			T
COLGATE	.0R								T													.08										
COLUMBUS	.21			.12								.03					.01					.04								T		.01
COOPERSTOWN	.20			.02		.05			T				T		T	T	T	T			T	.10		.03					T			T
COURTENAY	.32		T			.10											T	T			T	.16		T								.06
CROSBY	.17	T	T	.10	T							.02	T	T			T			T	T	.03	T						.01		T	.01
DEVILS LAKE WB CITY R//	.40		T	.02	T	.06	T	T	T	T		T	T	T	T	T	.03		T	.01	.09	.11	T	T			T		.03	T	T	.05
DICKINSON CAA AP R//	.42	T		.02	.04	T			.03	T		T	.10	T			.02	T		T	.07	.04	T	.06	.01	T			T	T	T	.03
DICKINSON EXP STATION	.41			T		.10				T		T	.15	.01			T	.02	T		T	.10		T	.02	.01	T					
DONNYBROOK	.19	T		.0R		.02							T				T	T			T	.09			T				T	T	T	
DRAKE	.19			T	.03	.02		T					T				.02	.01				.08	T	T						.02		.01
DUNN CENTER 2 SW	.38			.03	.04	.11				.01	T	T	.02	T			T				.03	.11	T	T	.01				T	.02		T
ECKMAN 2 SE	.17			T		T						T					T					.09							.08		T	
EDGELEY EXP FARM	.11				T	.06				T			T	T			T	T	T			.05										T
EDMORE 1 W	.21											.04						.05				.08							.04			
ELGIN 3 S	.04								T	T		T	T	T			T				.04	T		T	T				T			T
ELLENDALE	.26			.04		.06				.07			.04			T	T				T	.05			T	T			T	T		
ENDERLIN	.49	T			.03	.07							T									.39			T							T
EPPING	.6R			.16	.05	.04						.03	.02		.02	T	T	.02			.05	.16	T						.03		.08	.02
FAIRFIELD	0 .50			.02	T	.01			T	T		T	0.15				.02	T			0.30	T		T							T	T
FARGO WB AP R//	.31			T		.01	T	T	.05			T	T		T	T	.02	.02	T		.07	.09		.03	T		T		T		T	.02
FESSENDEN	.36			T	T	.10											T	T			T	.25										.01
FLASHER	D .25				T	.07	D.10			.02			T					.01				.05										
FLAXTON	.22	T		.07		T	T					.04		T	T	T	.03		T		T	.02	T						.04		T	.02
FORBES 13 NW	.09			T		.04				T		.05	T			T	T	T			T			T	T							
FORMAN	.27			.0R		.05							T		T		T					.13								T		.01
FORT YATES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOXHOLM 7 N	.07			.05		T						T			T		T	T				.02							T		T	T
FULLERTON	.61			.12		.17				.07			.04		T	T	.03				T	.18			T							T
GACKLE	.11			.02		.03										T	.01	T				.05	T	T								T
GARRISON	.33			T	T	.11				T			.01	.02			T	.01	T		T	.16	T	T						T		.02
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDEN VALLEY 10 S	.36		.02	.07	.06	T							.03								.08	.10				T			T			
GRAFTON	.32			T		.03						.02				T	T		.02			.15		T			T		.10	T		
GRAND FORKS CAA AP R	.83		T	T		T	T		T			T	T		T	T	.01	.01	.02		.18	.52		.01			T		.08	T	T	T
GRAND FORKS UNIVERSITY	.30			T		.02	T		T			T	T		T	T	.03	.01	.01	T	.01	.18		.01	T		T		.03			T
GRAND RAPIDS 1 N	.2R			.07		.11						T						T				.10									T	T
GRANVILLE	.19			.04		T	T					T	T		T	T	T				T	.10							T			.05
GRASSY BUTTE 10 N	.68		T	.10	.05	.05				T			.10			T		.08				.30										
GRENORA	.12				.06																	.03									.03	
HAGUE	.19			.01	T	.03				.03			.03				.02	T			.01	.05			.01	T				T		
HALLIDAY	.16			.04					T	T		T	T			T	.04				.08	T		T	T				T		T	T
HANKINSON R R STATION	.20				T	T							T									.20				T				T		T
HANNAH	.22			T			T	T	T			.03					T		.06		T	.03					T		.10	T		
HANSBORO	.07						T	T				T				T	T		T		T	T							.07			
HARVEY	.58			.04													.02					.20							T		T	.32
HETTINGER	.14				.04	T				.04			.03				T				T	.03										T
HILLSBORO	.39		T	T		.05	T		T				T		T	T	.03	T	.02		T	.25			T				.04		T	T
JAMESTOWN CAA AP R//	.46			.03		.09	T	T	T	T		T	.01	T		T	.01	.01			.02	.15	T	.04		T			T		.04	.06
JAMESTOWN STATE HOSP	.25			T		.06						T										.19	T	T								T
KEENE 2 S	.4R			.14								.06	.04	T			.02					.09							.02		.07	.04
KENMARE	.14	T		.03	.03							.01						.02				.05										
KENSAL WILDLIFE REFUGE	.31					.10													T	T	T	.19		T							T	.02
KILLDEER 8 NW	.63			.08	.07					T				T							.40	.08									T	T
KULM	.26									.02	.07														.07	.10						T
LANGDON EXP FARM	.32		T	.01		T						.05					.01	.01			.01	.08							.15			
LANSFORD	.32			.08		.03	.02					.02	T				T	.03				.08							.03			.03
LARIMORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEEDS	.12		T																			.12										
LEFOR 10 E	.50				.04	.06				.02		T	.04		T	T	.02	T			.16	.09				T			.05			.02
LINTON	.18			.03	.01	.06				.02	T		.03		T		T	T				.01		T	T	T			.02			T
LISBON	.48			.04		.06							T					T				.38										T
LITCHVILLE	.26			.01		.10								T		T				T	T	.13	T						T		T	.02
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MADDOCK AGR SCHOOL	.10			T		.05											T				T	.05							T			T
MANDAN EXP STATION	.40			T	.01	.09	T			.01			.01	.01			T	T				.25		T	.02					T		
MANDAN FT LINCOLN PARK	.35	T		.02	T	.11				T			.04				T				T	.16		T		T			.02			
MARMARTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARTIN	.18				.02	.06																			T		.07					.03
MAX	.30			T	.04	.05							.02				T	.06				.10										.03
MAYVILLE	.33			.02	T	.02	.06		T				T	T	T	T	T	T	T		.01	.19		.02	T		T		.01		T	
MC CLUSKY	.50			.03		.09			.01				.02				.11	.02				.15		.02							.03	.02
MC HENRY 3 N	.20			.02		.08							T		T							.05		.03					.02			T
MC LEOD 3 E	.14					.07																.06									T	.01
MC VILLE	.25			T		.07			T							T	T	.02			.03	.10							.03		T	T
MEDINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDORA 3 NNE	.58			.05	T	.09				.02		T	.09	.03		T	.02	T			.06	.08		.07	T	T			.03		T	.04
MEDORA 23 NNW	.61			.06	T	.12				.04			.08					.05					.23				.03					
MINOT CAA AP	.39	T	T	.07	T	.04	T		T	T		.02	T	T		T	.05	T		T	.07	.06	T	T	T		T		.03	T	.01	.04
MINOT EXP STATION	.29	.01		.03	.04	.05						.01					T	T				.14		T					.01	T		T
MOFFIT 4 SE	.10			T	T	.07				.01		T	T	T		T	T	T			T	.02		T							T	T
MOHALL	.07	T		.04								T	T	T		T		T			T	.02							.01			T
MONTPELIER	.19			.01		.05	T						T			T	T	T			T	.12		T	T				T		T	.01
MOTT	.23			T	T	.03				.04		T	.05				T	.02			.05	.02		T	T	.02			T			T
MUNICH 4 SW	.33			.02		.01		T				.04	T				.03		T		.01	.11		T			T		.11		T	
NAPOLEON	.30			T		.11				T			.02				T	T			T	.17			T							T

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.19			T	T							T	.07				T				.07	T		T	.05				T			T
NEW ROCKFORD 7 WNW	.20			T		.06	T					T	T			T	T	T			T	.14									T	T
NEW SALEM 1 S	.45			.06	T	.02			T	.02		T	.07	T	T	T	.03	T	T		.08	.14		.01					.02			T
NEWTOWN	.31			.11		.04						T	.05			T	T	T			T	.07									T	.04
NOONAN	.42			.13																	.04								.20			.05
NORTONVILLE	.22					.07																.15									T	
OAKES	.40	T		T	.04	.06	T	T		.02			.02	T		T	T	.03	T			.23	T		T					T	T	T
PARK RIVER	.17			T		.03						.02					T		.02			.03					T		.07	T		
PARSHALL	.22			.08		.07						T	.01			T	.01				.01	.01		T					T		.02	.01
PEMBINA 2 N	.19								.02												.03				.05						.09	
PETERSBURG	.20					.05			T						T	T		.01			.02	.08							.03		T	.01
PETTIBONE	.14			T	T	.07											T					.03		T								.04
PINGREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTAL	.11			.05								.02						T				T					T	T	.04			
POWERS LAKE 1 N	.03			.03													T	T			T										T	
PRETTY ROCK	.16				.06				T				.05				T				.05				T							
RAUB 10 SSW	.37			T		.03							.04		T	T	T				T								T			.30
REEDER	.32			.02	.05				T	.06		T	.04	T	T		.06	.02			.04				T							.03
REEDER 14 N	.06				T					.04			.02					T				T										
RICHARDTON ABBEY	.50			.03	T	.03				.03		T	.08	.01	T		.02				.08	.10	T	.07	.01	T			.01			.03
RIVERDALE	.27	T		T	.02	.12	T		T	T		T	T	T	T		T	.03	T		.01	.09		T	T	T			T			
ROLLA	.32			T			.06	T				.05					.02	T	T		T	.06							.13			T
RUGBY	.19			.05		T	T					.01	T		T	T	T	.01			T	.09							T			.03
RYDER	.14			.05			T		T		T	T	T	T	T				T			T			T	.03						.06
SAN HAVEN	.23			T			T	.01				.05					.04	.03				.02							.08			T
SCRANTON	.22	T		T	T	.05			T	.06			.06	T			T	T			T	.05		T	T	T						T
SELFRIDGE 11 W	.38			.02	.08								.08				.16									T			.04			
SENTINEL BUTTE 20 S	.22					T			.04	.06			.09																			.03
SHARON	.30			T		.05											T					.25		T					T			
SHERWOOD 3 N	.18			.04				T				.04						.03				.04							.03			T
SHIELDS	.14			T	.02					.02		.02					T					.08		T	T	T						
STANLEY	.27			.10		.04						.01					.03	T			.01	.04							T		T	.04
STEELE	.40	T		.04		.12							.04			T	.04	T			T	.12		T								.04
SYKESTON	.25			.01		.04			T			T				T	T	T			T	.20		T					T		T	
TAGUS	.27			.09	.07		T				T	T	T	T	T	T	T		T	T	T	.06	T								T	.03
TIOGA 1 E	.40			.10	.14							T		.03				.09				.04										
TOLLEY 4 NE	T		T		T							T					T				T	T							T			T
TOWNER	.11						T					.06									.05											
TROTTERS 6 SE	.47			T	T	.08				.03		.02	.15		T		T					.06	T	.08		.01			.01		T	.03
TURTLE LAKE	.30			.06		.08							.02				T	T			.03	.02		.03						.01		.03
TUTTLE	.46			.05		.08												.03			.20	.02	T	.03		T			T		.03	.02
UNDERWOOD	.44				.02	.06			.02				.03				T				.02	.22		T	.02	T				.02		.03
UPHAM 3 N	.14			.04		T						.01	T		T		.03					.06							T			T
VALLEY CITY	.39			.01		.07							T					.02			T	.23		.01					T			.05
VELVA	.32	T	T	.01	.05	.04							T	.01			T	T				.17							.02	.01		.01
VERONA	.02																	T					.02									T
WAHPETON STATE SCHOOL	.39			.03	T	.02	T		T				.02			T	.02	.02				.25			T				T	T	T	.03
WALHALLA	.13											.06									.07											
WARWICK	.13			T			T		T												T	.13										
WASHBURN	.50			.04		.08				T		T		T			T				.07	.30		T								.01
WATAUGA S DAK 8 N	.31			T	.06	.02				.08		T									.10	.05										
WATFORD CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATFORD CITY 14 S	.39			.05	T	.07						.03	.06		.02		T				.06	.05	T		T				.02		T	.03
WESTHOPE	.23			.05								.03										.08							.07			T
WILDROSE	.29				.15																T	.14										T
WILLISTON WB CITY R//	.60		T	.18	.02	.03				T		.05	.07		T	T	.01			T	.11	.05	T	.01	T	T	T		.01		.03	.03
WILLISTON EXP FARM	.20			.03	.01	.01						.05	.03	.01		.01	.01				.01								.01		.01	.01
WILLOW CITY	.21			T		T	T	T				.01			T		.05	.05				.05					T		.05			T
WILTON	.65			.07		.08															.04	.42									.04	
WISHEK	.22		T		.02	.05				.04			T	T		.05		T	T		T	.05				.01						T
WOODWORTH 5 E	.45			T	.10				T								T				.20	T							T			.15
ZAHL	.42		T	.06	.07	T		T		T		.02	.02		T	T	.02	.01			.02	.14	T				T	T	T		.04	.02

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	23	25	22	18	21	33	34	33	-1	13	7	-1	-3	7	4	18	22	30	35	18	8	0	-2	-9	-7	5	19	9	10	22	18	13.9
	MIN	12	14	8	5	12	10	17	-7	-16	-14	-5	-9	-19	-20	-9	-14	11	14	12	7	-10	-18	-14	-28	-21	-22	-2	-11	-24	-2	4	-4.5
AMENIA	MAX	4	24	23	16	24	32	32	25	0	11	7	4	5	12	8	11	15	30	37	35	11	8	5	2	-1	6	25	10				15.0
	MIN	-12	-3	10	-3	2	-2	6	-7	-15	-11	-1	-9	-17	-12	-8	-15	7	-1	5	2	3	-18	-20	-27	-16	-14	-8	-10	-29	-20	-12	-8.2
AMIDON	MAX	32	24	37	16	20	27	30	39	-6	8	25	5	2	1	-1	4		23	31	30	15	12	1	-1	-3	7					21	15.3
	MIN	22	14	13	-3	5	11	10	-10	-12	-14	-2	-8	-17	-13	-6	-16		2	11	-4	-9	-19	-19	-23	-25	-7	-5	-17		-18	-19	-6.1
ARVILLA STATE PARK	MAX	10	20	17	15	22	31	30	26	-1	8	5	2	3	9	8	14	15	25	34	29	6	8	2	-2	0	9	22	14	8	15	9	13.3
	MIN	-24	-8	5	-12	-9	6	1	-14	-26	-11	-7	-14	-31	-15	-11	-19	0	-9	10	4	-5	-29	-27	-30	-24	-12	-3	-15	-37	-8	-26	-12.9
ASHLEY	MAX	14	29	28	20	29	32	29	27	-3	14	8	2	0	9	5	16	17	28	34	17	10	2	7	1	-5	2	18	11	4	21	16	14.3
	MIN	-3	7	11	-2	8	7	7	-7	-17	-16	-9	-7	-12	-18	-8	-19	10	6	-3	7	-6	-21	-20	-25	-23	-22	-5	-6	-32	-5	1	-7.2
BEACH	MAX	32	32	40	17	19	22	33	37	-7	4	27	8	0	0	6	0	20	25	32	30	16	8	3	-5	-9	-11	4	22	10	17	23	14.7
	MIN	20	19	13	6	3	6	17	-11	-22	-16	-6	-9	-23	-24	-11	-16	0	9	10	9	-9	-18	-20	-31	-28	-27	-14	-4	-25	-9	9	-6.5
BELCOURT INDIAN RES	MAX	5	18	18	16	15	30	27	20	-2	1	-1	-7	1	3	-4	15	15	29	24	24	1	0	-2	-4	-7	8	17	15	-5	9	3	9.1
	MIN	-26	2	3	-13	2	0	1	-16	-26	-17	-16	-18	-32	-15	-18	-21	6	8	6	0	-8	-25	-34	-34	-30	-17	-9	-19	-40	-9	-30	-14.4
BELFIELD	MAX	26	35	29	18	28	31	35	32	-2	18	5	-2	-2	4	1	20	30	31	31	19	8	-3	-4	-9	-10	7	19	8	10	22	26	14.9
	MIN	21	20	10	3	4	8	16	-11	-12	-16	-5	-12	-26	-21	-13	-14	15	8	8	8	-12	-17	-22	-31	-27	-23	-4	-14	-26	4	-1	-5.9
BEULAH	MAX	28	24	25	18	18	20	32	34	-2	-1	10	8	-2	-3	8	3	21	24	29	34	16	3	-1	-4	-12	-8	5	22	8	12	13	12.3
	MIN	12	12	15	3	3	0	10	-6	-20	-20	-18	-8	-23	-23	-12	-19	-3	13	2	2	-1	-24	-23	-40	-38	-28	-17	-12	-38	-36	-16	-11.4
BISBEE	MAX		21	18	10	13	30	26	12	-4	0	0	-8	-7	5	-2	15	15	25	29	20	2	-3	-5	-10	-6	8	18	0	0	10	0	7.7
	MIN		1	2	-7	-2	3	1	-14	-20	-13	-12	-17	-25	-12	-14	-19	7	10	7	1	-6	-17	-20	-29	-25	-14	-6	-19	-31	-6	-20	-10.5
BISMARCK WB AP	MAX	19	25	21	19	21	33	33	29	-1	7	7	1	-1	10	5	20	22	28	33	16	6	-1	0	-8	-7	4	21	7	8	22	12	13.3
	MIN	5	14	4	-7	-4	-6	8	-7	-18	-18	-5	-11	-23	-23	-12	-14	13	2	0	6	-19	-26	-19	-27	-22	-20	-9	-22	-35	1	0	-9.5
BOTTINEAU	MAX	12	12	19	11	14	12	31	21	-9	-7	0	-7	-12	-2	4	-3	17	18	22	25	9	2	-4	-8	-11	-4	8	19	-5	2	7	6.2
	MIN	-15	-4	8	-10	-9	-4	4	-18	-21	-19	-19	-20	-26	-18	-15	-24	-7	2	10	5	-4	-21	-26	-33	-33	-26	-10	-7	-34	-30	-21	-14.4
BOWBELLS	MAX	20	21	19	17	16	32	27	26	-3	4	2	-7	0	5	-2	20	20	23	25	16	8	-4	-10	-11	-5	9	19	16	8	9	6	10.5
	MIN	0	16	1	-7	-2	13	8	-16	-18	-16	-15	-15	-24	-11	-8	-15	10	9	5	6	-4	-18	-25	-28	-24	-15	0	-20	-29	0	-15	-8.3
BOWMAN COURT HOUSE	MAX	39	40	33	20	24	32	39	34	-3	23	15	3	0	8	1	18	23	31	31	20	13	5	1	-6	-10	2	21	15	14	22	25	17.2
	MIN	18	15	9	0	6	8	16	-11	-14	-16	-4	-7	-16	-17	-8	-16	11	10	5	0	-12	-18	-12	-22	-28	-28	-7	-5	-20	2	1	-5.2
BUTTE	MAX		18	23	13			33	33	-5	0	6			4	6	1	20	22			3	-2	-2	-4	-5			21		5	17	
	MIN			12	-4				-10	-16	-16	-10			-18	-5	-14	1	10			-15	-17	-15	-28	-28			-15	-25	-25	-7	
CARRINGTON	MAX	16	15	25	15	15	26	25	28	-4	0	9	3	-2	2	8	1	15	33	18	36	11	3	1	-2	-10	-3	10	23	4	4	15	11.0
	MIN	-9	6	12	-4	-4	4	7	-5	-15	-15	-12	-10	-20	-12	-8	-16	-6	6	7	6	-3	-17	-21	-28	-27	-20	-13	-7	-31	-30	-7	-9.4
CARSON NO 2	MAX	28	21	24	19	21	28	32	34	-2	3	15	5	-2	-1	5	5	20	20	32	33	15	2	5	-2	-10	-7	5	20	3	18	23	13.3
	MIN	14	15	15	9	7	9	15	-6	-17	-14	-5	-10	-20	-17	-7	-15	5	4	10	10	-3	-20	-21	-28	-23	-23	-12	-11	-27	-9	4	-5.5
CAVALIER	MAX																																
	MIN																																
CENTER	MAX	19	25	22	15	20	32	31	30	-4	8	5	3	-2	8	2	20	20	27	32	25	10	-2	-2	-9	-9	3	23	10	7	23	20	13.3
	MIN	6	14	6	-10	5	3	5	-10	-21	-17	-5	-10	-22	-15	-14	-18	9	10	-5	8	-10	-26	-26	-33	-24	-20	-11	-20	-34	-6	1	-9.4
COOPERSTOWN	MAX	8	22	22	16	20	32	32	22	-2	8	6	1	3	9	5	14	15	28	33	28	8	4	1	-1	-2	6	20	15	4	16	11	13.0
	MIN	-13	0	7	-6	1	2	5	-9	-16	-11	-5	-11	-18	-12	-8	-15	4	0	6	7	-1	-19	-21	-29	-22	-15	-7	-11	-31	-6	-9	-8.5
CROSBY	MAX	25	25	21	15	17	32	28	29	-2	3	1	-7	-7	7	-1	22	22	24	24	16	7	1	-7	-10	-9	8	16	15	8	11	1	10.8
	MIN	6	17	2	-5	-2	2	7	-15	-16	-15	-14	-14	-20	-13	-12	-18	7	10	8	6	-4	-17	-21	-29	-28	-19	0	-14	-26	-4	-7	-8.0
DEVILS LAKE WB CITY	MAX	9	22	17	15	17	31	19	25	-2	5	1	-8	0	6	-2	16	15	27	32	17	1	3	-3	-6	-3	8	20	12	3	12	0	10.0
	MIN	-11	5	-1	-4	6	6	5	-15	-16	-10	-8	-13	-18	-9	-14	-15	4	14	10	1	-10	-15	-18	-26	-21	-12	-1	-24	-27	-8	-17	-8.5
DICKINSON CAA AP	MAX	27	34	25	19	21	32	37	29	-2	16	4	-1	-5	5	1	19	23	30	31	16	5	-3	-4	-9	-12	3	18	9	13	23	23	13.8
	MIN	20	18	8	2	10	12	18	-10	-15	-13	-4	-9	-23	-13	-14	-15	10	9	7	3	-16	-17	-25	-29	-26	-19	-2	-16	-22	9	-10	-5.5
DICKINSON EXP STATION	MAX	31	27	34	19	19	30	35	37	-5			5	-2	-4	7	3	20	24	30	32		4	-2	-3	-2	-10	5	18		17	24	14.6
	MIN	20	19	11	5	5	10	14	-8		-19		-8	-28	-25	-8	-15	1	9	4	5	-2	-19	-17	-31	-31	-25	-16	-16	-27	-26	4	-7.4
DRAKE	MAX	15		23	14	15	29	31	30	-7	0	8	0	-5	2	7	0	19	21	28	28	10	1	-3	-4	-6	-4	12	22	3	4	16	10.3
	MIN	-1	7	13	-5	-2	5	9	-8	-18	-17	-11	-11	-22	-11	-7	-15	-2	9	5	8	-2	-17	-20	-29	-28	-16	-8	3	-28	-27	-10	-8.3
DUNN CENTER 2 SW	MAX	27	27	27	17	17	22	30	35	-1	-4	7	6	-1	3	6	5	20	24	29	29	13	2	0	-6	-7	-10	5	18	9	11	23	12.4
	MIN	17	18	17	3	6	5	13	-8	-19	-17	-15	-8	-23	-23	-3	-13	5	13	3	8	-3	-17	-19	-30	-28	-27	-10	-1	-23	-21	1	-6.4
CKMAN 2 SE	MAX	11	18	21	13	17	16	32	28	-6	-1	1	-3	-8	0	3	1	21	22	26	29	10	3	-1	-8	-8	-2	6	20	-3	-1	9	8.6
	MIN	-4	-3	10	-3	-1	4	6	-13	-19	-16	-13	-13	-24	-22	-20	-23	-18	-5	3	6	-8	-19	-23	-29	-30	-27	-26	-18	-31	-30	-20	-13.8
DGELEY EXP FARM	MAX	33	19	27	19	21	22	32	30	2	-1	14	7	-1	3	11	8	16	21	30	35	14	6	3	4	-7	2	5	22	10	9	21	14.1
	MIN	-5	-5	17	-4	-5	10	11	0	-16	-13	-12	-5	-19	-18	-7	-15	-10	5	4	9	3	-16	-21	-25	-24	-18	-13	-5	-29	-28	0	-8.2
DMORE 1 W	MAX	1	18	19	14	17	31	26	24	0	5	4	-1	0	7	0	13	13	25	30	27	7	5	0	-5	-5	8	20	15	2	13	2	10.8
	MIN	-15	-5	4	-8	-3	0	0	-9	-20	-15	-10	-13	-24	-12	-15	-19	9	0	10	4	-6	-20	-21	-29	-25	-12	-6	-17	-30	-21	-23	-11.3
LLENDALE	MAX	13	30	29	22	25	34	32	30	-1	13	9	5	5	12	7	17	19	33	35	26	14	12	8	4	3	6	25	16	4	24	19	17.1
	MIN	-3	8	13	-4	9	0	12	-5	-12	-14	-6	-6	-15	-20	-5	-16	3	6	2	12	1	-15	-15	-21	-17	-17	-6	-1	-26	-9	1	-5.4
NDERLIN	MAX	13	13	28	20	19	21	34	28	13	2	10	8	-2	5	14	8	16	18	31	37	14	8	7	5	-5	0	9	25	10	0	22	13.9
	MIN	-10	-7	3	-4	-4	-4	8	6	-14	-13	-11	-4	-19	-12	-11	-16	-16	2	0	0	7	-21	-17	-20	-15	-14	-14	-7	-28	-30	-2	-9.3
AIRFIELD	MAX	26	29	25	19	18	30	35	37	-5	12	4	-2	-7	3	-2	18	21	25	26	12	6	-5	-6	-14	-14	2	15	8	9	20	12	11.5
	MIN	19	19	8	4	9	7	16	-13	-21	-15	-6	-13	-21	-15	-10	-28	12	10	3	2	-10	-21	-21	-27	-25	-21	-6	-14	-20	-5	2	-6.5
ARGO WB AP	MAX	3	25	25	13	21	32	22	24	-3	8	8	2	4	11	4	9	13	27	36	19	13	2	2	-8	-1	4	21	10	-3	16	7	11.8
	MIN	-10	3	3	-2	6	5	7	-14	-15	-10	1	-11	-14	-10	-10	-17	-2	5	16	10	-10	-17	-17	-22	-14	-13	-5	-18	-27	-5	-4	-6.8
ESSENDEN	MAX	16	26	24	16	22	33	29	18	2	10	7	0	5	9	3	17	20	30	31	25	7	2	0	-5	-2	9	23	7	3	19	14	13.5
	MIN	-5	0	5	-4	2	4	10	-9	-16	-11	-4	-10	-18	-11	-5	-15	9	12	4	6	-3	-19	-22	-28	-21	-15	-5	-11	-30	-3	-8	-7.1
ORMAN	MAX	9	30	27	15	21	32	30	25	-1	8	9	6	3	13	10	13	16	32	39	30	14	6	7	2	0	5	22	15	1	23	18	15.5
	MIN	-6	7	14	-8	2	2	6	-4	-15	-16	-6	-7	-18	-16	-8	-18	9	3	5	10	3	-17	-16	-21	-15	-17	-8	1	-27	-7	1	-6.0
ORT YATES	MAX	20	19	33	20	19	22	36	36	2	-1	3	9	-2	-2	10	0	21	24	22	36	19	5	3		-12	-4	-4	20	10	13	28	13.5
	MIN	9	9	13	8	3	7	14	-1	-12	-15	-11	-4	-17	-18	-18	-14	-2	14	-3		2	-24	-21	-22	-23	-22	-22	-10	-27	-24	4	-7.6
OXHOLM 7 N	MAX	22	22	21	16	20	33	30	32	0	7	5	-5	3	7	2	21	21	26	28	17	7	0	-3	-7	-4	9	20	17	6	14	12	12.9
	MIN	-2	15	8	-7	-2	11	10	-12	-16	-11	-9	-11	-19	-10	-7	-15	10	15	-1	6	-5	-15	-24	-28	-20	-12	0	-11	-32	0	-13	-6.7
ULLERTON	MAX	12	30	27	21	22	31	30	28	-2	14	8	4	1	12	10	15	18	30	35	28	15	8	6	3	1	3	21	15	6	22	19	15.9
	MIN	-4	7	13	-5	5	-2	10	-5	-16	-14	-7	-5	-21	-21	-7	-16	11	3	0	12	1	-19	-19	-23	-19	-15	-16	-4	-28	-10	0	-6.9
ACKLE	MAX	21	26	21	22	24	31	26		-2	8	5	8	0	10	6	14	17	27	34	19	9	1	5	-3	-5	3	20	12	3	18	12	13.1
	MIN	10	12	8	-10	12	7	11	-10	-14	-15	-10	-11	-19	-15	-10	-14	10	9	5	9	-5	-21	-20	-25	-23	-20	-8	-8	-32	-8		-6.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	19	19	22	12	16	26	31	36	-5	-2	7	4	-4	2	8	4	20	20	25	29	9	3	-2	-4	-8	-3	10	21	7	8	18	11.2
	MIN	5	12	10	-2	6	5	10	-10	-16	-16	-11	-8	-19	-13	-4	-16	2	9	5	9	-4	-16	-19	-28	-27	-20	-15	-10	-15	-22	-5	-7.2
GRAFTON	MAX	1	19	18	14	19	30	30	25	-2	7	5	-2	-6	9	0	12	15	24	32	29	6	7	1	-3	-2	9	22	19	1	15	9	11.7
	MIN	-14	-4	7	-7	-2	2	3	-12	-18	-8	-7	-14	-20	-20	-12	-16	6	0	12	5	-1	-16	-17	-22	-19	-9	0	-12	-26	-6	-18	-8.9
GRAND FORKS CAA AP	MAX	3	20	21	14	19	30	19	25	-2	8	5	-2	4	10	2	15	15	24	33	20	8	4	2	-5	-1	8	21	14	-2	14	-1	11.1
	MIN	-13	-4	-1	-5	2	2	2	-18	-18	-9	-5	-15	-19	-8	-14	-16	-1	-1	13	5	-11	-17	-19	-26	-20	-11	-5	-22	-28	-7	-20	-10.0
GRAND FORKS UNIVERSITY	MAX	3	19	17	14	18	30	28	12	-1	9	4	-2	4	10	3	10	10	24	33	27	6	5	3	-5	0	8	22	8	-2	15	4	10.6
	MIN	-14	-4	5	-5	8	1	2	-14	-19	-10	-6	-15	-19	-9	-12	-18	0	-2	14	5	-6	-19	-21	-27	-22	-12	-4	-14	-30	-9	-19	-9.5
GRAND RAPIDS 1 N	MAX	12	19	28	20	23	34	30	25	1	14	10	0	4	13	8	14	19	32	37	25	11	2	5	5	2	5	26	22	7	22	17	15.9
	MIN	-8	8	12	-10	-8	-6	5	-5	-15	-14	0	-7	-22	-16	-9	-18	10	3	-4	8	0	-23	-24	-26	-19	-17	-7	-11	-32	-9	0	-8.5
GRANVILLE	MAX		22	20	18	20	35	27	32	0	11	4	-4	3		0	22	20	27	30	17	6	2	-5	-5	-3	15	21	15	7	12	9	13.0
	MIN		15	1	-4	0	5	9	-11	-17	-11	-10	-11	-21		-9	-15	10	11	5	6	-9	-16	-21	-29	-21	-12	-12	-17	-29	-1	-14	-7.9
GRENORA	MAX	26	27	26	21	16	32	31	30		8	2	-4	-8	3	0	23	25	28	24	11	11	8	-1	-11	-14	4	14	14	6	11	9	12.4
	MIN	12	17	6	7	7	12	12	-14	-17	-18	-9	-11	-25	-10	-10	-18	10	7	7	8	-2	-5	-24	-31	-28	-24	-4	-9	-27	-3	-24	-6.7
HANKINSON R R STATION	MAX	21	13	30	24	16	21	32	25		-3	14	8	2	4	12	7	16	19	32	39	22	14	7	7	-7	2	7	24	15	6	22	15.0
	MIN	-8	-8	11	-3	-3	4	7	10	-15	-15	-7	-2	-12	-15	-7	-15	-12	4	6	7	12	-14	-17	-19	-20	-12	-8	1	-24	-24	2	-6.3
HANNAH	MAX	3	18	16	9	14	29	26	20	-5	3	0	-9	-1	4	-1	14	14	22	29	23	3	3	-5	-6	-4	8	22	15	0	6	2	8.8
	MIN	-22	-5	3	-11	-5	0	-4	-19	-25	-15	-18	-18	-27	-13	-18	-19	-4	3	12	2	-11	-21	-22	-30	-26	-13	-3	-17	-32	-9	-26	-13.3
HANSBORO	MAX	2	19	18	15	21	31	25	21	-2	5	0	-7	1	5	-3	16	14	24	28	19	4	7	-3	-2	-3	9	22	16	0	10	1	10.1
	MIN	-18	-5	1	-9	-3	3	0	-14	-21	-15	-15	-17	-27	-10	-12	-18	3	4	8	2	-6	-16	-22	-28	-27	-14	-4	-20	-31	-5	-22	-11.5
HETTINGER	MAX	25	27	23	21	26	33	41	29	1	26	10	1	1	8	3	19	24	35	34	15	11	4	3	-7	-9	7	24	13	17	27	31	16.9
	MIN	20	21	17	8	8	9	17	-8	-13	-13	-1	-7	-10	-15	-6	-14	11	10	7	4	-16	-18	-14	-21	-25	-23	-4	-6	-19	0	1	-3.2
HILLSBORO	MAX	5	22	22	16	19	32	32	24	-1	10	8	2	5	11	8	10	15	28	33	32	18	7	2	-8	0	7	23	14	-3	17	12	13.6
	MIN	-11	-4	10	-2	2	-3	5	-7	-17	-10	-2	-10	-16	-9	-8	-15	5	-1	10	18	4	-17	-14	-25	-16	-13	-10	-7	-27	-8	-14	-6.8
JAMESTOWN CAA AP	MAX	11	26	22	17	19	32	18	25	2	9	8	0	3	11	5	16	18	29	37	16	6	1	1	-9	-5	4	21	7	6	17	8	12.3
	MIN	-6	8	-1	-4	9	9	8	-10	-12	-12	-1	-9	-16	-10	-11	-15	10	3	2	5	-11	-19	-18	-24	-20	-14	-1	-21	-29	4	-4	-6.8
JAMESTOWN STATE HOSP	MAX	10	26	27	16	22	31	28	21	-1	9	7	0	2	11	4	15	17	27	36	24	10	2	1	-3	-4	3	22	12	6	18	15	13.4
	MIN	-6	7	5	-1	4	8	10	-7	-11	-11	-2	-8	-15	-11	-6	-13	11	7	2	9	-4	-19	-18	-22	-20	-14	-2	-10	-29	-2	-2	-5.5
KENMARE	MAX	14	22	22	15	16	25	33	31	-5	-1	5	-5	-2	7	7	3	20	23	25	26	11	3	-1	-10	-9	-5	12	20	-2	9	12	10.4
	MIN	1	7	10	-4	2	2	12	-12	-15	-15	-12	-12	-18	-8	-7	-15	0	10	5	5	-4	-15	-19	-25	-23	-22	-15	-5	-26	-20	-12	-8.1
KENSAL WILDLIFE REFUGE	MAX	12	26	23	17	22	32	30	30	3	11	8	4	5	12	6	15	18	32	36	24	12	3	1	-8	-1	8	23	13	5	19	15	14.7
	MIN	-9	7	9	-6	1	5	8	-8	-14	-11	-2	-9	-20	-10	-5	-14	10	7	3	9	1	-20	-21	-28	-19	-15	-4	-11	-30	-2	-4	-6.5
LANGDON EXP FARM	MAX	5	15	15	10	16	27	25	15	-5	2	0	-8	-1	5	-2	12	11	25	30	26	3	2	-4	-5	-7	7	18	16	-1	10	2	8.5
	MIN	-22	-13	1	-12	-2	1	-6	-15	-27	-21	-18	-21	-25	-12	-17	-20	-1	2	11	0	-9	-21	-23	-30	-25	-14	-5	-18	-34	-11	-26	-14.0
LARIMORE	MAX	17	20	23	18	20	31	30	15		9	5	0	4	9	3	14	15	26	34	28	5	2	2	-2	2	10	22	15	3	16	9	13.5
	MIN	-16	-3	7	-7	0	8	6	-12	-18	-11	-6	-12	-19	-8	-10	-16	-7	-1	10	0	-3	-18	-20	-25	-16	-8	-2	-13	-29	-15	-17	-9.1
LEEDS	MAX	10	23	21	13	16	32	26	26	-3	2	2	-6	-1	6	-1	16	15	24	32	22	5	-2	-5	-10	-5	9	20	15	3	11	5	10.4
	MIN	-12	6	4	-5	0	6	4	-12	-18	-12	-11	-14	-22	-10	-11	-17	5	7	10	5	-5	-16	-20	-28	-23	-14	-3	-16	-28	-3	-19	-8.8
LINTON	MAX	18	32	30	14	22	34	32	25	-4	10	8	5	0	10	8	19	22	29	33	26	12	0	10	0	-5	4	25	13	7	24	18	15.5
	MIN	4	11	10	-2	2	-9	2	-7	-17	-21	-10	-4	-27	-30	-6	-19		6	-1	5	-5	-29	-22	-26	-26	-30	-16	-13	-35	-8	6	-10.6
LISBON	MAX	10	28	30	17	20	32	31	24	-1	7	8	6	3	11	11	10	15	30	38	38	12	7	5	2	-2	2	19	21	3	19	18	15.3
	MIN	-10	4	12	-10	-2	1	4	-5	-16	-16	-8	-9	-22	-15	-19	-18	6	2	-2	10	4	-19	-26	-27	-21	-17	-9	-4	-30	-6	-3	-8.7
LOSTWOOD 12 N	MAX	20	21	21	15			31	29	-4	4	3			4	-2	20	20	23	23	15	8	-1	-5	-12	-9	6	16	15	3	12	6	10.4
	MIN	1	18	0	-2			5	-16	-20	-16	-14			-13	-10	-18	10	7	-1	5	-6	-16	-24	-29	-24	-19	-2	-9	-28	-28	-9	-9.6
MADDOCK AGR SCHOOL	MAX	12	25	23	13	20	33	28	25	-2	4	4	-1	1	8	3	17	16	25	31	28	9	-2	-2	-5	-4	8	20	13	4	14	10	12.2
	MIN	-11	9	5	-5	1	5	5	-11	-18	-12	-7	-11	-20	-11	-9	-15	7	12	3	7	-5	-17	-22	-29	-20	-14	-3	-14	-29	-4	-15	-8.0
MANDAN EXP STATION	MAX	28	18	24	17	16	24	33	32	4	-3	6	5	-2	-3	8	5	19	21	28	32	15	1	-3	-3	-11	-8	6	22	4	13	22	11.9
	MIN	5	12	16	-4	3	4	13	-5	-18	-18	-14	-5	-21	-21	-6	-16	5	14	2	11	-1	-22	-20	-26	-24	-19	-9	-16	-32	-30	5	-7.6
MANDAN FT LINCOLN PARK	MAX	20	25	21	18	25	34	33	24	1	8	7	3	0	12	7	20	23	30	34	28	8	0	0	-5	-5	-2	25	14	4	22	23	14.7
	MIN	3	11	10	-7	7	0	12	-13	-20	-20	-9	-10	-19	-22	-21	-17	9	10	-2	8	-7	-25	-21	-29	-22	-18	-10	-18	-34	-4	2	-8.9
MARMARTH	MAX	32		33	21	28	38	35	26		20	16	-2	2	8			23	31	30	23	13	6	-2	-5		0	19		15	24	28	18.5
	MIN	22		12	1	3	4	16			-18	-2	-4	-15	-25	-15	-25	0	6	-2	-2	-15	-21	-14	-23	-31	-35	-6	-6	-24	-1	-1	-7.9
MAX	MAX	24	18	21	15	14	19	32	32	-6	-1	8	4	-3	0	5	-1	18	20	24	29	11	2	-2	-5	-5	-6	5	23	6	5	17	10.4
	MIN	2	7	10	-3	4	2	7	-10	-15	-16	-12	-10	-18	-18	-5	-16	-6	7	4	7	-4	-14	-18	-30	-29	-21	-11	-3	-26	-27	-6	-8.6
MAYVILLE	MAX	4	20	20	15	19	31	31	25	0	10	7	1	2	4	4	10	15	27	35	30	9	1	2	0	-6	7	19	19	2	16	14	12.7
	MIN	-12	-4	10	-5	1	8	5	-8	-16	-8	-2	-9	-16	-8	-8	-15	6	1	16	9	1	-17	-19	-26	-19	-12	-2	-10	-28	-8	-15	-6.8
MC CLUSKY	MAX	16	21	21	8	20	31	26	30	-1	5	4	-2	0	7	2	18	19	26	28	20	6	-3	-3	-9	-7	6	19	12	-1	19	14	11.4
	MIN	1	11	6	-5	3	-1	8	-11	-16	-15	-5	-10	-18	-15	-8	-25	9	11	3		-6	-20	-22	-29	-25			-10	-31	-7	-6	-8.3
MC HENRY 5 N	MAX	8	22	20	16	20	31	29	25	-2	6	2	-1	2	9	2	14	15	27	34	22	6	2	-1	-7	-2	6	19	12	4	16	9	11.8
	MIN	-14	2	3	-7	0	0	4	-10	-20	-14	-6	-11	-24	-14	-9	-16	4	-2	3	5	-3	-21	-22	-30	-22	-15	-8	-13	-33	-8	-13	-10.1
MC LEOD 3 E	MAX	30	32	28	20	19	32	32	20	8	9	10	4	3	15	10	16	17	32	38	31	18	8	3	0	0	5	23	19	6	27	17	17.2
	MIN	3	8	13	-7	0	0	5	-5	-15	-15	-5	-8	-20	-12	-15	-13	4	-2		4	5	-20	-21	-24	-15	-16	-9	-5	-30	-17	-2	-7.8
MC VILLE	MAX	7	20	20	15	20	31	31	25	-2	6	4	1	4	7	0	14	14	27	32	24	5	3	-1	-5	-2	7	20	12	3	14	6	11.7
	MIN	-16	-1	6	-7	-1	2	0	-12	-19	-12	-6	-13	-21	-10	-12	-18	3	1	10	4	-5	-20	-22	-30	-22	-13	-5	-16	-32	-5	-16	-9.9
MEDORA 3 NNE	MAX	36	35	32	18	26	35	39	38	2	25	10	4	4	8	4	22	27	34	33	21	12	4	-1	-9	-5	9	23	13	16	27	27	18.4
	MIN	20	15	11	7	10	-5	12	-9	-22	-23	-7	-9	-32	-34	-7	-14	15	-3	-7	10	-12	-25	-27	-40	-36	-35	-5	-22	-37	3	6	-9.7
MINOT CAA AP	MAX	19	21	17	14	17	32	32	29	-2	6	2	-7	2	6	-1	20	22	25	28	17	2	-2	-7	-7	-6	8	20	12	5	14	2	11.0
	MIN	1	14	-2	-2	8	13	13	-11	-16	-10	-9	-13	-19	-8	-13	-15	11	9	5	2	-10	-18	-23	-26	-17	-15	3	-24	-29	-5	-10	-7.0
MINOT EXP STATION	MAX	15	19	20	10	15	22	32	32	2	-2	3	-1	-7	4	5	2	19	22	25	27	9	1	-2	-6	-8	-7	9	21	2	7	15	9.8
	MIN	0	6	10	-4	0	8	10	-11	-18	-16	-11	-11	-19	-14	-7	-16	1	9	5	8	-4	-15	-20	-28	-27	-18	-7	2	-26	-24	-9	-7.9
MOFFIT 4 SE	MAX	18	30	26	14	22	33	30	27	-3	9	7	4	0	10	6	18	20	27	31	25	11	1	3	0	-4	3	23	16	4	21	20	14.6
	MIN	0	10	12	-7	9	-3	9	-7	-11	-17	-7	-5	-24	-22	-5	-19	11	12	-2	10	0	-26	-22	-26	-26	-22	-9	-18	-35	-3	4	-7.7
MOHALL	MAX	18	20	20	16	17	33	26	30	0	11	3	-6	2	2	-1	20	20	25	29	17	5	0	-7	-8	-4	10	20	15	8	10	6	11.5
	MIN	-1	14	1	-6	-2	3	8	-13	-14	-12	-12	-12	-21	-11	-8	-15	10	10	5	5	-5	-15	-20	-24	-21	-19	0	-15	-26	-2	-13	-7.5
MOTT	MAX	25	38	30	21	25	34	43	33	0	22	10	3	2	8	4	20	24	35	35	27	12	3	1	-6	-8	5	25	14	17	27	29	18.0
	MIN	16	15	13	4	5	0	12	-8	-9	-18	-9	-7	-20	-30	-6	-16	10	7	0	9	-6	-30	-20	-28	-27	-31	-7	-19	-32	-2	0	-7.5
MUNICH 4 SW	MAX	0	15	9	9	15	28	20	10	-6	0	-4	-10	-10	0	0	9	8	20	25	15	5	6	-10	-10	-12	0	12	8	-4	5	-9	4.6
	MIN	-25	-17	-4	-14	-10	-8	-8	-20	-28	-20	-23	-25	-31	-32	-24	-27	-6	-3	2	-4	-16	-26	-26	-36	-33	-24	-12	-29	-37	-14	-30	-19.7

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	14	29	24	20	22	31	31	25	-2	11	5	1	0	9	5	15	19	31	31	21	10	3	6	-5	-3	3	22	10	3	21	18	13.9
	MIN	-1	10	1	-4	5	1	8	-10	-14	-16	-6	-8	-22	-16	-6	-19	10	10	-1	7	-7	-26	-22	-26	-23	-20	-9	-13	-32	-9	1	-8.3
NEW ENGLAND	MAX	27	37	28	19	24	32	42	35	-1	23	7	2	0	7	2	20	24	33	32	20	9	1	-1	-8	-11	5	22	10	18	24	27	16.4
	MIN	20	18	9	-1	9	2	15	-10	-10	-14	-2	-8	-21	-22	-6	-15	11	10	4	4	-12	-20	-17	-26	-27	-24	-15	-11	-26	1	3	-5.8
NEW SALEM 1 S	MAX	20	24	20	16	20	32	37	33	-2	10	7	0	-4	8	3	19	21	28	32	18	8	-3	-4	-9	-10	3	19	10	6	22	18	13.0
	MIN	8	12	8	0	9	7	15	-10	-16	-15	-7	-9	-21	-15	-10	-12	12	13	8	7	-10	-20	-14	-27	-22	-24	-4	-17	-28	-13	3	-6.2
NEWTOWN	MAX	25	25	25	19	18	32	28	32	-4	9	4	-2	-5	6	0	22	22	26	26	14	8	-2	-5	-11	-10	5	19	12	3	18	15	12.1
	MIN	12	17	6	-4	2	0	9	-13	-18	-15	-5	-1	-23	-20	-6	-17	12	10	1	8	-5	-18	-22	-31	-21	-20	0	-7	-30	-10	-4	-6.9
OAKES	MAX	28	19	30	19	19	24	33	26	7	-2	7	7	0	3	12	8	11	18	32	37	15	9	7	6	-7	3	9	23	12	1	21	14.1
	MIN	-5	-2	16	-6	-5	-2	4	6	-14	-16	-14	-4	-18	-19	-17	-18	-12	6	0	4	7	-19	-20	-22	-23	-17	-15	-2	-27	-26	-4	-9.2
PARK RIVER	MAX	4	19	18	14	21	30	28	24	-2	6	4	-2	0	8	3	14	15	25	33	31	3	6	2	-3	-2	10	22	18	3	14	8	12.1
	MIN	-15	-3	7	-5	0	8	3	-10	-18	-8	-8	-14	-22	-7	-13	-15	5	3	11	3	-1	-15	-16	-21	-20	-11	-1	-11	-26	-4	-18	-7.8
PARSHALL	MAX	22	22	22	15	18	32	30	30	-4	8	5	-1	-3	6	2	20	22	25	27	19	6	-5	-4	-10	-10	5	20	12	10	16	14	12.0
	MIN	10	15	5	-9	0	-3	4	-13	-21	-17	-5	-10	-28	-19	-9	-18	10	8	0	6	-5	-19	-25	-33	-23	-20	-4	-10	-34	-7	-5	-9.0
PEMBINA 2 N	MAX	15	18	16	14	19	20	27	25	-3	7	7	1	-6	7	7	8	8	20	30	30	5	3	1	0	8		24	23	0	14	10	11.9
	MIN	-10	-10	4	-15	-9	-5	0	-15	-25	-15	-12	-19	-25	-8	-18	-24	0	-9	14	-4	-20	-29	-28	-25	-10	-13	-10	-13	-30	-10	-27	-13.5
PETERSBURG	MAX	4	18	18	13	19	29	25	23	-2	5	4	-2	0	5	-1	13	13	24	31	22	8	4	-2	-6	-3	7	20	13	1	14	3	10.3
	MIN	-11	-2	5	-5	2	4	2	-13	-18	-11	-7	-13	-20	-10	-11	-16	2	1	12	2	-7	-17	-20	-25	-20	-13	-6	-14	-28	-5	-18	-9.0
PETTIBONE	MAX	14	26	23	15	18	30	20	21	-3	7	5	0	-2	8	2	16	16	25	29	22		-1	-1	-7	-8	1	20	14	1	15	14	11.3
	MIN	-5	8	7	-8	1	-2	6	-10	-15	-18	-5	-10	-19	-18	-7	-19	9	6	1		-4	-24	-22	-30	-24	-20	-10	-12	-35	-6	-4	-9.6
PORTAL	MAX	11	23	27	13	13	25	31	29	-12	-4	0	-3	-10	6	6	9	20	20	20	22	9	4	-4	-9	-12	-5	8	17	-4	9	13	8.8
	MIN	-2	-4	2	-8	-2	2	9	-17	-17	-16	-17	-16	-23	-20	-11	-20	9	6	6	-5	-4	-19	-23	-29	-26	-26	-6	-11	-29	-20	-16	-11.4
POWERS LAKE 1 N	MAX	26	23	16	15	16	30	30	28	-10	6	2	-8	-3	4	-5	20	21	23	15	10	4	-5	-11	-12	-9	2	18	11	3	12	0	8.8
	MIN		15	-5	-8	4	4	6	-18	-21	-18	-15	-15	-25	-15	-16	-20		1	1	1	-11	-23	-28	-34	-30	-21	-2	-21	-30	-5	-26	-12.9
RAUB 10 SSW	MAX	23	24	22	11	19	32	34	28	-5	7	4	0	0	7	2	21	23	26	32	20	9	0	-6	-8	-6	6	22	15	6	20	10	12.8
	MIN	12	12	-2	-3	9	2	6	-11	-16	-13	-4	-10	-20	-15	-4	-15	14	14	8	8	-10	-15	-18	-28	-20	-20	-2	-4	-26	-1	-6	-5.7
RICHARDTON ABBEY	MAX	24	30	26	16	20	33	37	35	-2	10	6	0	-6	6	1	18	21	28	32	21	8	-3	-7	-12	-12	2	17	14	12	22	19	13.4
	MIN	15	15	8	4	11	11	14	-12	-15	-15	-4	-10	-22	-16	-8	-15	12	11	8	8	-6	-20	-14	-29	-25	-22	-5	-8	-21	3	4	-4.6
RIVERDALE	MAX	26	18	22	14	16	18	31	32	-6	-4	6	3	-4	-1	8	1	19	22	25	28	14	2	-5	-4	-11	-8	4	19	6	10	18	10.3
	MIN	6	9	14	2	2	6	11	-7	-16	-16	-13	-7	-17	-16	-2	-12	-1	10	4	12	-3	-19	-21	-24	-24	-18	-9	-1	-31	-29	-4	-6.9
ROLLA	MAX	7	19	17	12	15	30	20	21	-2	3	1	-6	2	4	-4	15	15	26	27	24	2	2	-3	-3	-5	9	20	17	-1	12	0	9.5
	MIN	-13	5	1	-7	2	3	1	-15	-21	-14	-14	-19	-25	-12	-15	-22	5	10	6	0	-10	-13	-20	-30	-27	-16	-6	-25	-28	-7	-20	-11.2
RUGBY	MAX	13	24	25	15	18	32	28	14	-1	3	3	-3	1	6	1	18	19	26	30	25	6	0	-1	-8	-3	11	20	18	4	12	7	11.7
	MIN	-10	10	5			4	4	-12	-19	-12	-12	-14	-21	-11	-10	-16	2	14	9	6	-4	-18	-21	-28	-22	-14	-4	-12	-29	-5	-18	-8.9
SAN HAVEN	MAX	5	18	18	12	14	30	26	9	-3	1	-1	-6	-8	3	-3	15	15	29	24	23	5	-2	-7	-13	-8	8	20	16	-5	10	5	8.1
	MIN	-17	5	5	-10	0	2	3	-13	-25	-15	-14	-16	-21	-12	-11	-19	7	10	9	0	-6	-17	-23	-30	-26	-17	-6	-15	-29	-9	-16	-10.5
SHARON	MAX	7	20	20	15	20	30	28	25	-4	6	5	-1	2	8	0	13	14	26	33	24	5	-4	-1	-6	-2	5	19	9	2	15	6	10.9
	MIN	-15	-1	5	-6	2	3	5	-12	-17	-12	-5	-12	-18	-11	-10	-16	3	0	13	5	-4	-19	-20	-28	-22	-13	-6	-14	-30	-5	-13	-8.8
STANLEY	MAX	21	21	20	20	17	30	28	26	-4	8	4	-4	-4	4	7	20	20	23	25	15	7	-3	-8	-8	-10	4	17	13	3	15	5	10.7
	MIN	4	11	1	-2	-1	7	10	-14	-16	-14	-8	-12	-18	-14	-9	-16	12	8	3	5	-9	-17	-22	-28	-22	-18	-1	-11	-26	-1	-6	-7.2
STEELE	MAX	16	28	24	17	24	32	30	24	0	8	3	9	2	9	9	18	20	28	30	23	12	0	2	-4	-4	0	22	15	2	21	23	14.3
	MIN	-3	9	9		11	0	10	-9	-13	-16	-7	-5	-18	-22	-7	-18	10	9	3	9	-6	-22	-21	-27	-24	-24	-6	-16	-33	-4	0	-7.7
TIOGA 1 E	MAX	28	26	26	13	15	24	30	32	-6	-4	5	-2	-7	2	1	0	20	21	22	21	12	2	-5	-11	-10	-11	6	18	4	6	13	9.4
	MIN	12	9	12	-6	2	3	0	-14	-19	-19	-15	-12	-22	-18	-10	-18	0	5	3	7	-2	-21	-25	-31	-30	-27	-11	3	-28	-25	-4	-9.7
TOWNER	MAX	16	23	22			32	25	20		7	4	-4	0	7	1	20	20	20	30	20	2	-3	-5	-3					5	7	-2	11.0
	MIN	-5	12	0				7	-11	-20	-5	-10	-12		-12	-10	-17	7	8		-3	-18	-20	-30	-20				-24	-26	-12	-22	-10.6
TURTLE LAKE	MAX	19	23	21	13	19	33	28	26	-2	8	4	0	0	8	2	19	19	25	30	22	8	-3	-3	-10	-7	6	21	11	-1	18	17	12.1
	MIN	0	12	4	-4	2	4	7	-13	-17	-16	-5	-11	-22	-19	-8	-17	7	10	3	-5	-9	-23	-23	-30	-23	-23	-6	-15	-31	-6	-7	-9.2
UNDERWOOD	MAX	32	18	26	15	16	27	31	32	-5	-3	8	3	-5	-8	8	2	20	20	25	30	14	2	-4	-7	-9	-9	6	19	7	8	18	10.9
	MIN	3	8	12	-4	2	6	12	-8	-17	-18	-12	-9	-21	-18	-8	-16	-5	8	6	10	-5	-20	-22	-31	-29	-22	-11	-4	-30	-27	-4	-8.8
UPHAM 3 N	MAX	15	22	22	17	18	35	29	25	1	7	2	-3	2	7	2	21	21	29	32	23	8	2	-3	-5	-3	11	21	19	6	13	8	13.0
	MIN	-8	11	4	-3	0	2	6	-11	-20	-14	-13	-14	-23	-14	-10	-16	7	12	5	7	-2	-16	-23	-30	-25	-14	0	-12	-31	-9	-20	-8.8
VALLEY CITY	MAX	10	27	26	16	22	32	30	26	0	10	5	-3	-3	12	8	13	16	29	36	34	11	3	3	1	-2	3	23	21	4	20	17	14.5
	MIN	-10	2	12	-2	2	3	10	-5	-13	-10	-5	-4	-15	-10	-7	-14	10	5	0	10	3	-15	-20	-22	-17	-14	-5	-11	-28	-5	-4	-5.8
VELVA	MAX	17	20	23	13	16	22	33	33	-5	1	8	0	-5	6	7	2	21	23	28	30	11	2	1	-4	-5	-6	8	24	1	7	18	11.3
	MIN	1	5	11	-4	-3	7	10	-9	-18	-17	-10	-10	-24	-13	-6	-14	2	11	2	10	-2	-16	-22	-29	-25	-17	-6	0	-29	-20	-8	-7.8
WAHPETON STATE SCHOOL	MAX	9	27	25	17	21	31	31	24	-1	13	11	5	6	15	12	11	15	33	38	37	19	10	8	5	5	9	25	22	4	22	21	17.1
	MIN	-10	0	14	-4	5	4	8	-5	-15	-11	-2	-8	-16	-11	-9	-15	3	0	11	14	4	-17	-16	-21	-13	-12	-5	-3	-27	-6	2	-5.2
WASHBURN	MAX	18	24	23	16	20	32	31	31	0	7	5	3		8	5	21	21	27	31	25	8	4	-3	-8	-8	4	20	20	2	20	17	14.1
	MIN	5	15	7	-4	4	8	11	-10	-15	-13	-3		-20	-14	-12	-14	10	15	7	5	-11	-25	-23	-23	-22	-17	-10	-10	-31	-5	-2	-6.6
WATFORD CITY	MAX																																
	MIN																																
WATFORD CITY 14 S	MAX	30	31	29	20	20	32	39	38	1	10	9	2	-1	7	4	24	25	29	32		10	0	-6	-6	-8	6	21	20	14	24	23	16.0
	MIN	18	20	11	6	12	4	10	-12	-23	-20	-4	-9	-28	-22	-4	-12	14	10		5	-6	-17	-20	-41	-27	-23	1	-4	-39	3	0	-6.6
WESTHOPE	MAX	15	20	20	13	13	33	18	23	-1	4	0	-10	0	5	-3	20	22	25	28	18	7	0	-1	-9	-4	11	20	15	6	9	3	10.3
	MIN	-5	5	12	-10	-4	0	5	-15	-18	-15	-17	-16	-25	-13	-12	-17	7	9	5	4	-9	-18	-23	-29	-24	-14	3	-20	-29	-8	-20	-10.0
WILLISTON WB CITY	MAX	30	27	20	15	17	31	32	3	-3	5	0	-4	-5	6	0	24	25	28	25	15	4	-4	-8	-13	-11	6	14	9	9	20	9	10.5
	MIN	18	20	3	9	6	7	3	-11	-18	-13	-7	-17	-22	-15	-15	-15	12	8	6	4	-8	-20	-23	-32	-23	-21	-1	-23	-26	4	-10	-7.1
WILLISTON EXP FARM	MAX	28	25		12	15	29	28	25	-6	2	2	-6	-9	4	-1	21	23	25	23	15	6	-4	-10	-12	-16	3	12	10	5	19	11	9.3
	MIN	12	13		-4	8	3	9	-12	-24	-20	-10	-12	-28	-15	-10	-12	8	8	4	5	-6	-23	-23	-36	-30	-26	-6	-6	-29	-8	-4	-9.1
WILLOW CITY	MAX	14	21	21	15	16	34	25	21	0	4	0	-4	0	7	1	18	19	21	30	20	7	1	-6	-8	-4	10	20	17	5	11	4	11.0
	MIN	-18	10	1	-8	-8	-6	-1	-15	-21	-13	-15	-17	-24	-13	-11	-16	4	13	3	2	-5	-19	-25	-29	-25	-16	-2	-16	-35	-14	-25	-11.7
WILTON	MAX	24	21	21	12	18	29	26						-4			18		24	27	24		-5	-5	-10	-11	-1		15				
	MIN	2	10	8	-4	4	5	12	-8	-15	-16		-10	-18	-15	-8	-18		10	-5	5	-6	-18	-12	-28	-22	-21	-10	-10	-32	-8		-8.1
WISHEK	MAX	33	17	28	20	18	20	32	28	5	0	11	5	-1	-3	9	5	17	19	27	32	14	3	-1	4	-4	-6	11	17	9	5	20	12.7
	MIN		-1	14	-2	3	4	5	-1	-18	-17	-14	-6	-22	-17	-11	-18	-9	9	-3	11	2	-27	-28	-26	-27	-21	-18	-12	-33	-33	-1	-10.6

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL			0.5	T					0.5			1.2				0.5				0.6	0.8		1.0								T
	SN ON GND			1	1	1				1	1	1	2	2	2	2	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5
AMENIA	SNOWFALL					1.0	T										T					3.0		1.0								
	SN ON GND	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	3	3	4	4	4	4	4	4	4	4	4
AMIDON	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASHLEY	SNOWFALL			T		1.0				T			T	T			T	T			T	T			T							
	SN ON GND			T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEACH	SNOWFALL			1.0	0.3	1.0			T	0.5		T	1.0	0.5		T	T	0.5			0.5	2.0		0.2	T					0.2	0.3	
	SN ON GND			1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
BELCOURT INDIAN RES	SNOWFALL			0.1				0.2				0.4					T	T				0.4							0.5			
	SN ON GND	T	T	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BEULAH	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BISMARCK WB AP	SNOWFALL	T		0.7	0.4	0.8			0.1	0.3		T	0.9	T		T	0.5	T		T	0.9	0.8		0.5	T	T			0.2	T	T	0.4
	SN ON GND			T	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	3	3	3	3	3	3	3	3	3	3	3
	WTR EQUIV					0.1	0.1											0.2	0.2			0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
BOTTINEAU	SNOWFALL			0.2		T	T		T			0.4					0.5	0.4	T		T	0.1					0.1		0.5			
	SN ON GND	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
BOWBELLS	SNOWFALL	T	T	T							T	T	T			T	T	T				2.0										T
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2
BUTTE	SNOWFALL	T	T	T	1.0	1.0																2.0	T									1.0
	SN ON GND	T	T	T	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	5
CARSON NO 2	SNOWFALL			T	T	T							0.5	T							T	2.0				T	T					
	SN ON GND			T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3
CENTER	SNOWFALL			1.0		1.0							1.0					T			2.0								T			T
	SN ON GND	T	T	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5
CROSBY	SNOWFALL	T	T	1.5	T							0.3	T	T			T			T	T	0.5	T						0.1		T	0.4
	SN ON GND	T	T	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
DEVILS LAKE WB CITY	SNOWFALL		T	0.2	T	0.6	T	T	T	T		T	T	T	T	T	0.3		T	0.1	0.9	1.1	T	T			T		0.3	T	T	0.5
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4
DICKINSON CAA AP	SNOWFALL	T		0.2	0.4	T			0.3	T		T	1.0	T			0.2	T		T	0.7	0.5	T	0.6	0.1	T			T	T	T	0.3
	SN ON GND			T	T	1	1	1	T	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4
DUNN CENTER 2 SW	SNOWFALL			0.7	0.7	1.4				0.2	T	T	0.3	T			T				0.5	1.5	T	T	0.2				T	0.2		T
	SN ON GND			1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5
EDMORE 1 W	SNOWFALL											0.5						0.5				1.0							0.6			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5
FAIRFIELD	SNOWFALL			1.0	T	0.5			T	T		T	1.5				1.0	T			3.0	T		T							T	T
	SN ON GND			1	1	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	7	7	7	7	7	7	7	7	7	7	7	7
FARGO WB AP	SNOWFALL			T		0.2	T	T	0.5			T	T		T	T	0.2	0.2	T		0.7	1.0		0.3	T		T		T		T	0.2
	SN ON GND	T	T	T	T	T	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2
	WTR EQUIV																					0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
FESSENDEN	SNOWFALL			T	T	1.0											T	T			T	3.5										2.5
	SN ON GND			T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T	4	4	4	4	4	4	4	4	4	4	5
FORMAN	SNOWFALL			0.8		0.5							T		T		T					1.3								T		0.1
	SN ON GND	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
FORT YATES	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULLERTON	SNOWFALL			1.2		1.7				0.7			0.4		T	T	0.3				T	1.8			T							T
	SN ON GND			1	-	2	2	2	2	3	3	3	3	3	3	3	3	-	-	2	-	3	-	-	-	-	2	2	2	2	2	2
GRAFTON	SNOWFALL			T		0.3						0.2				T	T		0.2			1.5		T			T		-	T		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND FORKS CAA AP	SNOWFALL		T	T		T	T		T			T	T		T	T	0.2	0.1	0.1		1.8	5.2		0.1			T		1.0	T	T	T
	SN ON GND	1	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T	1	1	1	4	6	6	6	6	6	6	5	6	6	6
GRAND RAPIDS 1 N	SNOWFALL			1.0		2.0						T						T				1.5									T	T
	SN ON GND			1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3	3	3	3	3	3	3	3	3	3	3
GRANVILLE	SNOWFALL			0.5		T	T					T	T		T	T	T				T	0.5							T			1.0
	SN ON GND	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
HANSBORO	SNOWFALL						T	0.1				0.1				T	0.1		T		T	0.2							1.0			
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
HETTINGER	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND				1	1	1	T	T	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
JAMESTOWN CAA AP	SNOWFALL			0.3		0.9	T	T	T	T		T	0.1	T		T	0.1	0.1			0.2	1.9	T	0.4		T			T		0.4	0.6
	SN ON GND	T	T	T	T	T	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	1	3	3	3	3	3	3	3	3	3	4
KENSAL WILDLIFE REFUGE	SNOWFALL					1.0													T	T	T	3.0		T							T	1.0
	SN ON GND					1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T	3	3	3	3	3	3	3	3	2	2	3
LANGDON EXP FARM	SNOWFALL		T	0.1		T						0.5					0.1	0.1			0.1	0.8							1.5			
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	7	7	7	7
MAX	SNOWFALL			T	0.5	0.5							0.3				T	0.7				1.0										0.5
	SN ON GND	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
MAYVILLE	SNOWFALL			0.2	T	0.2	0.7		T				T	T	T	T	T	T	T		0.1	2.5		0.3	T		T		0.1		T	
	SN ON GND	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	3	3	3	3	3	3	3	2	2	2	2
MC CLUSKY	SNOWFALL			0.2		0.5			0.1				0.2				0.5	0.1				2.0		0.1							0.2	0.2
	SN ON GND	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3
MC HENRY 5 N	SNOWFALL			0.3		1.0							T		T							1.0		1.0					T			T
	SN ON GND	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4
MINOT CAA AP	SNOWFALL	T	T	0.7	T	0.4	T		T	T		0.2	T	T		T	0.5	T		T	1.0	0.6	T	T	T		T		0.3	T	0.1	0.4
	SN ON GND		T	T	1	1	1	1	1	1	1	1	T	T	T	T	T	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2

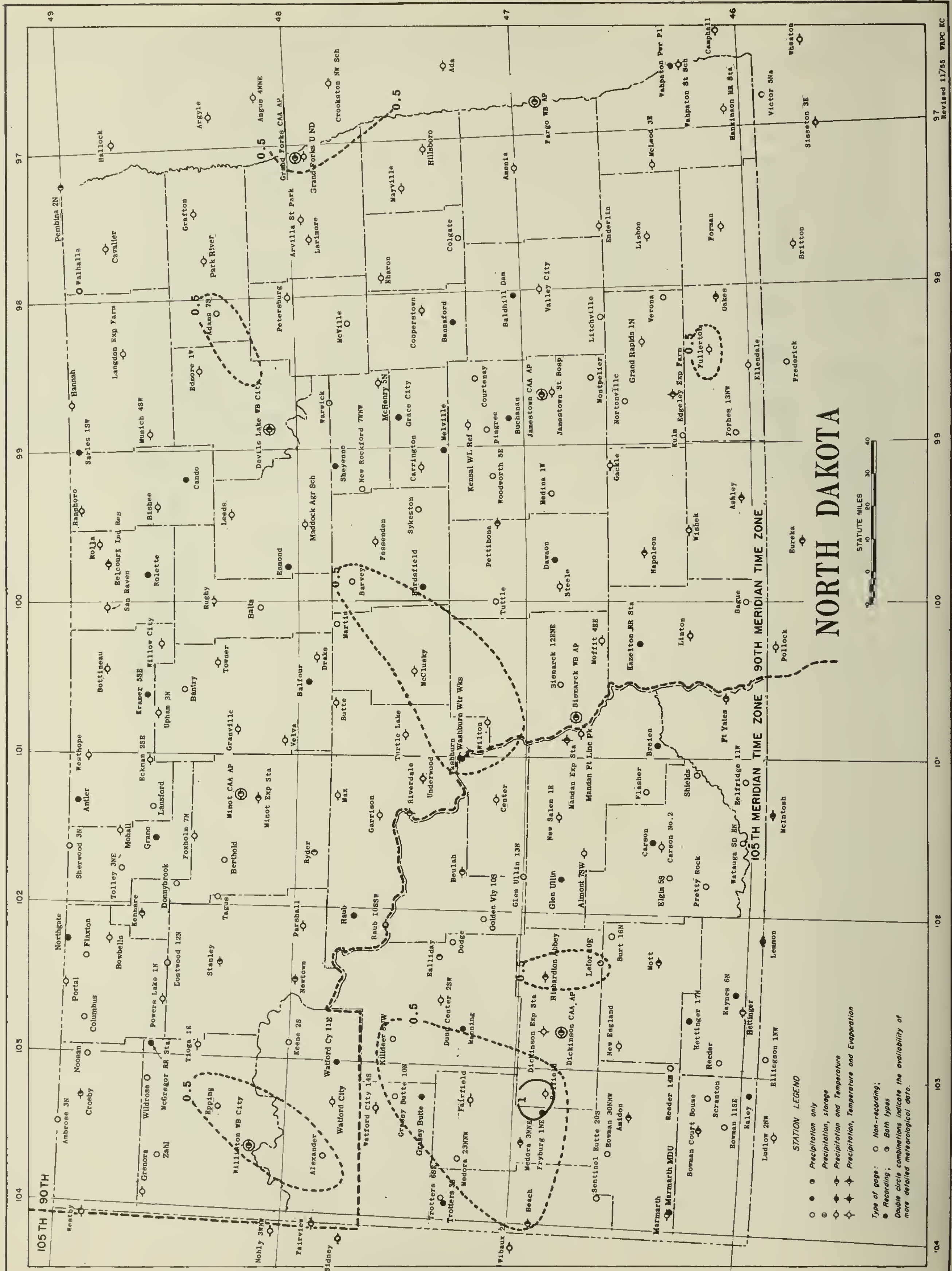
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL	T		–								T	T	T		T		T			T	–							T			T
	SN ON GND	T	T	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1
MOTT	SNOWFALL			T	T	T				0.5		T	0.5				T	T			1.0	T		T	T	T			T			T
	SN ON GND			T	T	T				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
MUNICH 4 SW	SNOWFALL			0.3		T		T				0.5	T				0.5		T		1.0	1.0		T			T		1.5		T	
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4
NAPOLEON	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND			T	T	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5
PARSHALL	SNOWFALL			0.8		0.7						T	0.1			T	T				T	T		T					T		0.2	0.1
	SN ON GND			1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PETERSBURG	SNOWFALL					0.6			T						T	T		0.1			0.3	0.9							0.4		T	0.1
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
PETTIBONE	SNOWFALL			T	T	0.8											T					0.5		T								1.0
	SN ON GND					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
RIVERDALE	SNOWFALL	T		T	T	2.0	T		T	T		T	T	T	T		T	T	T		T	1.0		T	T	T			T			
	SN ON GND			T	T	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
SHARON	SNOWFALL			T		1.0											T					3.0		T					T			
	SN ON GND	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	4	4	4	4	4	4	4	4	4	4	4
STANLEY	SNOWFALL			1.5		0.4						0.1					0.3	T			0.1	0.4							T		T	0.4
	SN ON GND			1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
WAHPETON STATE SCHOOL	SNOWFALL			0.5	T	0.3	T		T				0.4			T	0.4	0.5				3.0			T				T	T	T	1.0
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	4	4	4	4	4	4	4	4	4	3	4
WILLISTON WB CITY	SNOWFALL			1.9	0.3	0.3				T		0.5	0.9		T	T	0.1			T	1.2	0.8	T	0.1	T	T	T		0.2		0.4	0.4
	SN ON GND			1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	WTR EQUIV				0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
WILLOW CITY	SNOWFALL			T		T	T	T				0.1			T		0.5	0.5				0.5					T		0.5			T
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3

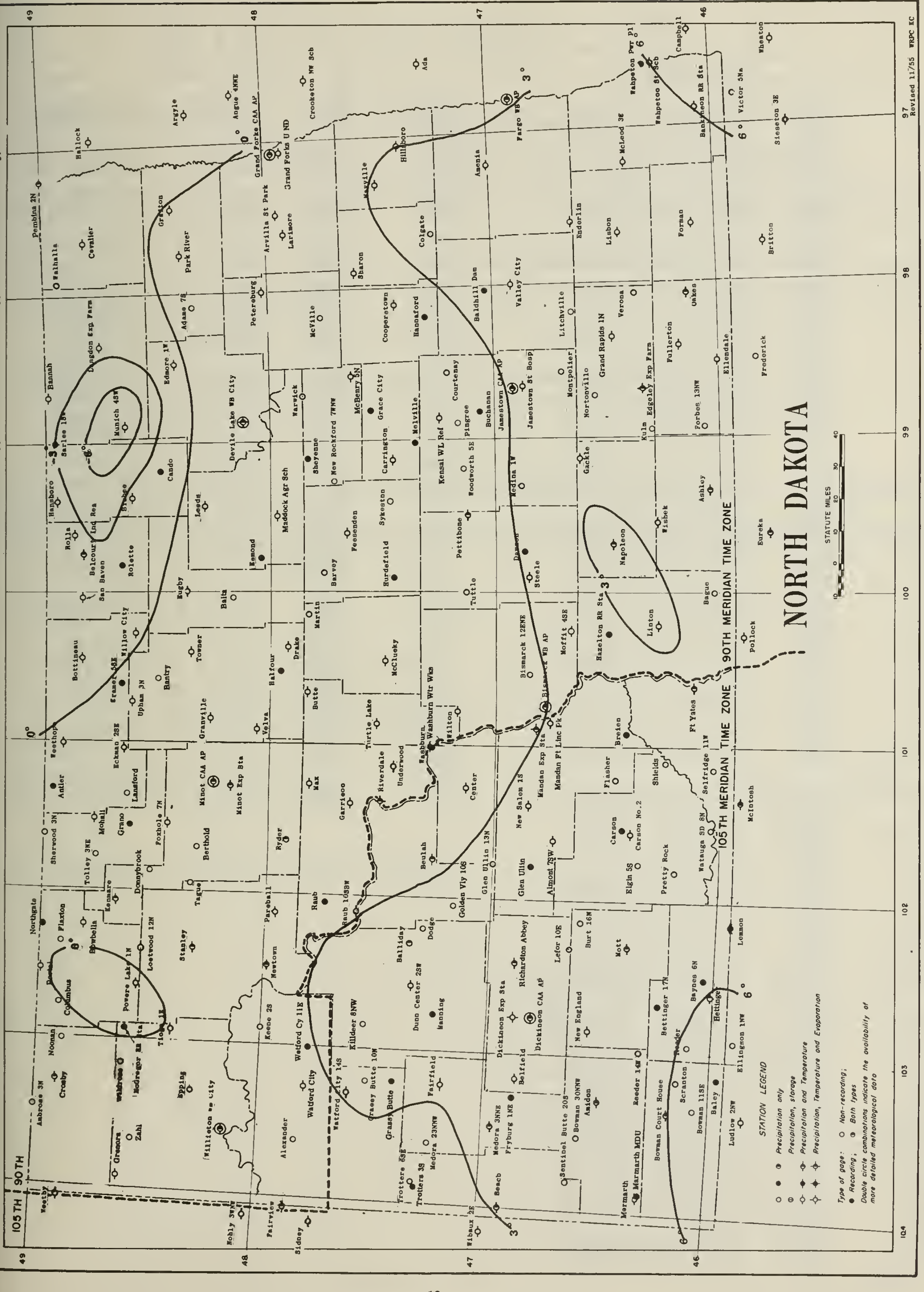
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation

AVERAGE TEMPERATURE


NORTH DAKOTA
90TH MERIDIAN TIME ZONE
105TH MERIDIAN TIME ZONE
105 TH
90 TH
0°
3°
6°
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: ○ Non-recording; ● Recording; ◉ Both types
Double circle combinations indicate the availability of more detailed meteorological data
Revised 11/55 WRPC KC

Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	88 08	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 38	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 W	0189	Divide	12	48 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	980	SS	SS	Virgil L. Geheke	2 3 5 7
Amidon	0209	Slope	1	48 29	103 19	2910	8A	8A	Otis A. Qual	2 3 5 7 C
Antler	0283	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0368	Grand Forks	10	47 58	97 30	880	6P	6P	Vernon C. Thoreo	2 3 5
Ashley	0382	McIntosh	8	48 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		8P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0580	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tohiae	2 3 5 7 C
Belcourt Indian Res.	0826	Rolette	9	48 50	89 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0638	Stark	4	48 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Coz	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Erick	2 3 5
Bismarck WB Airport	0818	Burleigh	8	48 48	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	48 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1840	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0981	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Book	2 3 5 C
Bowman 9 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	48 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	48 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	88 49	1572		MID	W. H. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		8P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Rarrin	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	48 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Baoeen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	87 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1830		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	88 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 8 7 C
Dickinson CAA AP	2183	Stark	4	48 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chenley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	48 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 48	2241		6P	Art A. Selinger	3
Ellendale	2805	Dickey	5	46 00	88 31	1460	8P	8P	Paul Grese	2 3 5
Enderlin	2895	Ransom	11	46 37	87 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Feriog	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1820	6P	6P	Emil S. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		8P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	48 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	8P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2775		MID	David D. Brennan	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. D. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert B. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3821	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	8P	8P	Albert J. Nees	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3886	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Ralph Beiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edmel G. Crist	3
Grenora	3738	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocber	3
Haley	3836	Bowman	3	45 58	103 08	2851		MID	Betty J. Krioke	C
Halliday	3846	Dunn	8	47 21	102 20	2048		8P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	88 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	88 41	1570	6P	8P	U.S. Customs Office	2 3 5
Hansboro	3883	Towner	9	48 57	99 23	1800	7P	7P	Charles E. Dieher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John H. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	8P	6P	Fred D. Portbun	2 3 5 7
Hettinger 17 W	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	8P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	98 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	48 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2348		6P	Kenneth V. Herget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4856	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 28	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	48 18	98 57	1970		8P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	88 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louie Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels H. Sogen	2 3 5
Leeds	5078	Benson	2	48 17	99 28	1515	8P	8P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	48 16	100 14	1685	8P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	48 28	87 42	1088	3P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	48 39	98 11	1467		8P	Melvin Rorvik	3
Lostwood 12 W	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	98 30	1604	8P	8P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 8 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 45	100 52	1874	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	8	47 14	102 46	2218		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	8P	6P	S. P. Drane	2 3 5
Marmarth M.D.D. Co.	5575	Slope	7	48 18	103 55	2710		MID	E. B. Jestnes	C
Martin	5810	Sheridan	11	47 50	100 07	1610		5P	Elroy K. Semeler	3
Max	5638	McLean	8	47 49	101 18	2083	8A	8A	R. H. Schafer	2 3 5 7
Mayville	5680	Traill	10	47 30	87 19	975	6P	8P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 28	100 28	1943	6P	8P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 58	-		MID	L. E. Erickson	C
McHenry 3 N	5730	Eddy	11	47 38	88 35	1809	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	98 10	1487	6P	8P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	48 53	98 18	1785		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 88	103 30	2250	3P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	89 02	1825		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	3993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	8015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 48	101 31	1638	6P	8P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	48 42	88 35	1379		6P	Rolf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest S. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	88 53	1588	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	88 46	1858	6P	6P	Alvin H. Schuchard	2 3 5 7 C
New England	8315	Hettinger	1	46 33	102 52	2621	6P	8P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	98 16	1550		6P	Richard Steinhach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 58	102 29	1805	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kontek	3
Northgate	6535	Burke	12	49 00	102 18	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	88 44	1508		8P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	87 45	998	3P	5P	Martin Severson	2 3 5
Parshall	8867	Mountrail	8	47 57	102 08	1928	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6847	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	88 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	98 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Taogney	3
Portal	7201	Burke	12	49 00	102 33	1854	9A	8A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 38	102 06	1958	8P	6P	Lyle P. Roltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		8P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		8P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David S. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin B. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenhaugh	3
Stanley	8278	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Svane	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 58	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John D. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	8P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 W	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 08	1382		6P	Warren D. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	8	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 W	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katue	3
Watford City	8233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1870	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	8P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 08	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	8P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Hellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		8P	Helmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 6. James 6. Knife 7. Little Missouri 8. Missouri 8. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may very slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

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WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

FEBRUARY 1957
Volume LXVI No. 2

APR 22
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

Pleasant winter weather prevailed during February. Afternoon temperatures climbed to above freezing on many days. Livestock continued in fair to good condition and feed supplies were adequate.

Cold weather prevailed at the beginning of February. Most stations over the north central and the western sections registered their lowest temperatures for the month on the 1st or 2d. Temperatures began warming rapidly at the end of the first week. Temperatures rose to above freezing on several afternoons during the second week and the first part of the third week. The winds shifted to northerly on the 17th. Temperatures dropped to below seasonal on the 18th. The period 22d to 24th was especially chilly. Most stations over the southeast fourth of the State and in the extreme northeast registered their coldest temperatures for the month on the 22d or 23d. Monthly minimum temperatures over most of the State were between -15° and -25°. Temperatures dropped lower than -25° at a few scattered stations, most of which were in the north central and northeastern sections. The coldest temperatures for the State were -31° at Munich 4 SW on the 2d and -32° at Belcourt Indian Reservation on the 23d. Southerly winds began bringing in warm air on the 24th. The last few days of the month were mild, especially the 27th and 28th. Most stations registered their highest temperatures for the month during the last five days of the month. Monthly maximum temperatures ranged from the upper 30's over the northeastern counties to the upper 50's in the extreme southwest. The highest temperature for the State, 58°, occurred at Marmarth on the 27th. Monthly mean temperatures ranged from 2.2° at Munich 4 SW to 21.5° at Marmarth. Monthly mean temperatures were below the long-term means at several stations in the central part of the State and at a few scattered stations. Monthly mean temperatures exceeded the long-term means over most of the State. Temperature departures at most stations were less than +2.0°.

Light snow flurries occurred on about half of the days in February over the western portion of the State and on about two-thirds of the days over the east. Devils Lake received 2.5 inches on the 8th. The heaviest snows in other parts of the State came on the 20th. There were a few local dust storms but no really bad blizzards. Monthly snowfall totals ranged from less than an inch at scattered stations in the northwest and central sections to more than five inches in the Grand Forks vicinity, in several southeastern counties, and at a number of scattered stations. The greatest monthly total, 8.7 inches, fell at Ellendale. Sleet fell in some northeastern vicinities on the 21st and numerous roads and streets became glazed on the 27th. Precipitation totals ranged from a trace at Killdeer 8 NW to 0.82 inch at Selfridge 11 W. Only a few scattered stations received more than a half inch. The eastern edge of the State, several northeastern counties, and a few scattered stations received more than one-fourth inch. Most of the State received less than one-fourth inch. For a large part of North Dakota, it was one of the driest Februarys of record.

Pastures and ranges improved slightly during February. Livestock required heavy supplemental feeding but hay supplies were adequate and the animals continued in fair to good condition. The weather was mostly favorable for the care of livestock and for other outdoor activities.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
SMARCK WB AIRPORT	WNW	16	11.3	43	W	11	79	79	66	74	10	5	1	0	0	0	16	54	7.0
VILS LAKE WB CITY	-	-	9.0	32	NW	28	-	-	-	-	12	6	2	0	0	0	20	68	7.0
RGO WB AIRPORT	N	14	15.2	56	W	28	79	80	71	76	10	7	1	0	0	0	18	64	6.6
LLISTON WB CITY	-	-	7.4	34	NW	28	-	72	57	62	12	5	0	0	0	0	17	56	8.0

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
ORTHWEST DIVISION																								
WBELLS		22.7M	2.7M	12.7M				-24	1	1451	0	18	27	13	.20		.12	8	2.0	2	1+	1	0	0
OSBY		22.5	2.8	12.7	2.4	42	14+	-21	2	1465	0	18	28	13	.11	- .23	.06	20	1.3	2	1+	0	0	0
XHOLM 7 N		23.2	2.6	12.9	1.5	44	27	-18	1+	1453	0	18	28	15	.13	- .23	.08	9	2.9	2	9+	0	0	0
ENORA		25.6M	3.4M	14.5M		44	27	-24	1	1405	0	16	28	14	.02		.02	20	1.0	3	1+	0	0	0
NMARE	AM	20.4	0.8	10.6		42	25+	-20	2	1524	0	22	28	16	.19	- .30	.09	9				0	0	0
STWOOD 12 N		22.9M	0.6M	11.8M		40	14+	-22	2	1454	0	19	27	16	.13		.07	20	1.8	4	9	0	0	0
NOT CAA AP		21.4	3.8	12.6		43	27	-17	1+	1465	0	20	28	13	.20		.09	8	2.6	4	9+	0	0	0
NOT EXP STATION	AM	19.3	0.6	10.0		44	28	-24	2	1539	0	22	28	14	.12		.04	9+	2.1	3	9+	0	0	0
HALL		22.1	2.1	12.1	2.7	45	11	-19	1+	1477	0	20	28	15	.12	- .35	.06	20	2.0	2	9+	0	0	0
WTOWN		24.0	3.4	13.7	4.4	46	27	-26	2	1432	0	18	28	12	.11	- .33	.05	9	1.0	4	1+	0	0	0
RSHALL		23.2	1.7	12.5		44	27	-26	2	1466	0	18	28	14	.09	- .22	.05	20	.8	2	1+	0	0	0
RTAL	AM	18.6	- 2.0	8.3	0.1	50	28	-24	1+	1585	0	22	28	16	.17	- .27	.10	9	1.7	2	9+	1	0	0
WERS LAKE 1 N		22.8M	0.0M	11.4M		41	27			1496	0	18		15	.07		.07	20	1.0	1	20+	0	0	0
ANLEY		21.2	3.0	12.1		41	27	-18	1+	1475	0	18	28	13	.16		.08	9+	1.8	4	9+	0	0	0
OGA 1 E	AM	19.5	- 1.1	9.2		41	28	-24	1+	1560	0	21	28	15	.25		.15	9				1	0	0
LLISTON WB CITY	R //	24.3	6.0	15.2	1.7	47	26+	-21	2	1391	0	16	27	12	.19	- .27	.08	19	2.1	5	1+	0	0	0
LLISTON EXP FARM		23.8	1.5	12.7		45	26+	-22	2+	1459	0	16	28	14	.10		.05	20				0	0	0
DIVISION				12.1	1.6										.14	- .28			1.8					
ORTH CENTRAL DIVISION																								
LCOURT INDIAN RES		18.5	- 4.4	7.1		40	27	-32	23	1621	0	23	28	17	.14		.06	20	2.0	3	17+	0	0	0
TTINEAU	AM	16.4	- 6.2	5.1	- 2.5	40	28	-28	2	1675	0	25	28	19	.25	- .10	.07	17+	2.3	9	17+	0	0	0
AKE	AM	20.0	- 0.6	9.7	- 0.2	45	28	-23	2	1548	0	23	28	15	.13	- .25	.04	27				0	0	0
KMAN 2 SE	AM	18.1	- 4.3	6.9	- 0.7	42	28	-23	2	1623	0	23	28	18	.18		.09	27				0	0	0
ANVILLE		22.7	2.1	12.4	1.5	45	27	-22	1+	1467	0	20	28	14	.24	- .13	.10	9	2.0	3	9+	1	0	0
EOS		19.4	- 0.7	9.4		43	27	-20	2+	1555	0	24	28	17	.44		.39	9	2.5	3	9+	1	0	0
DDOCK AGR SCHOOL		21.7	0.0	10.9	1.3	45	27	-20	1	1512	0	22	28	14	.14	- .32	.06	9+				0	0	0
LLA		18.6	- 2.2	8.2		41	27	-25	2	1589	0	22	28	18	.18		.06	9+	1.8	6	1+	0	0	0
GBY		21.3	0.6	11.0		45	27	-22	2	1509	0	22	28	14	.24	- .15	.12	9	4.0	6	9+	1	0	0
N MAVEN		18.5	- 0.3	9.1	0.3	41	27	-23	2	1562	0	22	28	15	.28	- .12	.15	9	3.2	11	20+	1	0	0
WNER		21.4M	0.2M	10.8M	1.5	43	27	-24	2	1514	0	21	28							5	9+			
HAM 3 N		21.8	- 0.4	10.7		43	27	-23	2	1517	0	21	28	15	.12		.07	20	2.5	6	20+	0	0	0
LVA	AM	21.5	1.0	11.3	- 1.3	46	28	-21	1+	1501	0	21	28	15	.16	- .27	.05	9	2.5	4	1+	0	0	0
STMOPE		19.3	- 3.0	8.2	0.5	41	27	-24	23	1588	0	22	28	17	.12		.09	20	2.0			0	0	0
LLOW CITY		20.1	- 2.5	8.8	2.0	42	27	-27	2	1573	0	23	28	16	.20	- .19	.15	9	2.0	4	9+	1	0	0
DIVISION				9.3	0.1										.20	- .21			2.4					
ORTHEAST DIVISION																								
VILLA STATE PARK		21.4	- 2.7	9.4		39	28	-24	22	1554	0	20	28	18	.32		.26	9	5.5			1	0	0
SBEE		19.0	- 0.7M	9.2M		40	27	-23	2	1564	0	23	28		.26		.14	9	3.0	6	20+	2	0	0
VALIER		20.5	0.6	10.6		38	12+	-20	23	1521	0	21	28	16	.27		.10	20	3.6	8	10+	1	0	0
VILS LAKE WB CITY	R //	18.9	- 0.4	9.3	0.6	43	27	-18	2	1557	0	21	28	14	.42	.01	.19	8	5.1	7	9	2	0	0
MORE 1 W		19.4	- 2.7	8.4		38	28	-24	21	1581	0	23	28	17	.30		.11	9	4.2	6	9+	2	0	0
AFTON		20.8	1.4M	11.1M	1.4	39	28	-18	2	1505	0	22	28	15	.47	- .11	.25	16	8.2			2	0	0
AND FORKS CAA AP	R	19.7	0.6	10.2		38	28	-17	22	1531	0	24	28	16	.49		.16	9	5.6	6	1+	3	0	0
AND FORKS UNIVERSITY		20.0	0.3	10.2	1.3	39	28	-17	22	1533	0	23	28	15	.51	- .04	.26	9	7.5	11	9+	2	0	0
NNAM		18.2	- 3.0	7.6		38	27	-24	23	1603	0	22	28	16	.24	- .21	.10	17	2.3	5	20+	1	0	0
NSBORO		18.7	- 2.1	8.3	0.9	41	27	-24	2+	1585	0	22	28	16	.07	- .19	.04	20	2.6	4	20+	0	0	0
NGDON EXP FARM		18.5	- 3.7	7.4	0.9	35	27+	-23	1+	1610	0	24	28	18	.34	- .24	.08	20	3.7	8	23+	0	0	0
RIMORE		22.4	1.5M	12.0M	2.1	38	27+			1471	0	20	28	16										
VILLE		19.5	- 1.6	9.0		38	28	-18	21+	1566	0	22	28	19	.19		.10	9	2.0	6	20+	1	0	0
NICM 4 SW		14.1	- 9.7M	2.2M		36	27	-31	2	1763	0	25	28	21	.16		.04	17	3.0	4	1+	0	0	0
RK RIVER		20.6	1.8	11.2	2.2	38	28	-16	23	1502	0	21	28	14	.15	- .21	.07	20	1.5	2	1+	0	0	0
MBINA 2 N		20.0M	- 6.6M	6.7M		38	11	-29	23	1653	0		28											
TERSBURG		18.9	- 0.2	9.4		36	28	-17	2+	1553	0	25	28	16	.34	- .09	.20	9	4.1	7	9+	1	0	0
DIVISION				9.0	1.1										.30	- .16			4.1					
EST CENTRAL DIVISION																								
ULAH	AM	25.0M	3.6M	14.3M		50	28			1418	0	19	28	16	.03		.02	19				0	0	0
TTE	AM	23.7M	M	M		45	28				0		28		.02		.01	1+	2.0	6	1+	0	0	0
NTER		25.3	0.2M	12.8M		48	27	-25	1	1478	0	16	28		.07		.07	20	1.0	5	1+	0	0	0
NN CENTER 2 SW	AM	24.3M	3.0	13.7M	- 0.5	47	27+	-17	1+	1423	0	19	28	14	.06	- .33	.03	1	1.1	6	1+	0	0	0
RRISON	AM	20.8	2.3	11.6	- 0.8	45	28	-21	2	1495	0	21	28	15	.05	- .49	.02	1+	.5			0	0	0
X	AM	19.7	- 1.0	9.4	- 0.6	44	28	-19	2+	1555	0	22	28	15	.16	- .24	.04	20	1.7	4	1+	0	0	0
JB 10 SSW		24.1	4.7	14.4		46	27	-17	1	1413	0	17	28	12	.05		.05	20	1.0	6	1+	0	0	0
VEROALE	AM	21.5	1.4	11.5		44	28	-17	2	1495	0	20	28	14	.03		.03	20	.2	2	1+	0	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

NORTH DAKOTA
FEBRUARY 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
TURTLE LAKE		22.6	1.3	12.0		45	27	-23	1	1483	0	19	28	15	.11		.07	20				0	0	0
UNDERWOOD	AM	21.1	- 0.9	10.1		45	28	-21	1	1533	0	22	28	19	.11		.04	1	2.1	8	1+	0	0	0
WASHBURN		23.8M	5.0M	14.4M	0.0	48	27	-20	1	1411	0	18	28		.05	- .35	.05	20		5	1+	0	0	0
WATFORD CITY																								
WATFORD CITY 14 S		30.5	4.9	17.7		53	24	-27	2	1319	0	14	27	13	.17		.07	6	4.9	8	8	0	0	0
WILTON		21.8	2.3	12.1		42	27	-18	1+	1479	0	24	28	13	.18		.10	27	2.0			1	0	0
DIVISION				12.8	0.1										.08	- .36			1.7					
CENTRAL DIVISION																								
CARRINGTON	AM	20.9	- 1.4	9.8	- 0.3	44	28	-19	23	1542	0	22	28	18	.10	- .38	.05	21	2.1	4	1+	0	0	0
FESSENDEN		22.9	2.8	12.9	2.1	48	27	-19	1+	1455	0	21	28	10	.12	- .39	.07	20	2.2	6	1+	0	0	0
JAMESTOWN CAA AP	R //	22.4	1.5	12.0		43	27	-18	22	1479	0	21	28	15	.34		.14	27	5.9	5	1+	2	0	0
ØJAMESTOWN STATE HOSP		22.0	3.4M	12.7M	0.4	40	27	-16	22	1465	0	22	28		.13	- .44	.13	20	4.1			1	0	0
KENSAL WILDLIFE REFUGE		24.1	1.8	13.0		43	27+	-20	1	1451	0	20	28	13	.13		.08	20	2.5	3	20+	0	0	0
MC CLUSKY		21.8	- 2.4M	9.7M	- 1.9	46	27	-23	21+	1561	0	23	28	16	.08	- .43	.05	20	1.2	3	1+	0	0	0
MC HENRY 5 N		20.1	- 0.9	9.6		40	27	-19	2+	1551	0	22	28	17	.16		.07	20	2.2	6	20+	0	0	0
PETTIBONE		21.1	0.4M	10.8M	0.2	43	27	-22	22	1512	0	20	28	14	.13	- .37	.10	20	2.5	4	20	1	0	0
STEELE		24.9	1.9	13.4	1.8	48	27	-22	22	1439	0	19	28	11	.23	- .14	.15	20	6.2	5	1+	1	0	0
DIVISION				11.4	0.4										.16	- .32			3.1					
EAST CENTRAL DIVISION																								
AMENIA		23.2M	2.7	13.0M		41	28	-18	22	1452	0	18	28	12	.34		.20	20	3.0	4	1+	1	0	0
COOPERSTOWN		21.6	0.1	10.9		38	28	-18	23	1510	0	21	28	17	.22	- .41	.15	9	5.0	7	20+	1	0	0
FARGO WB AP	R //	21.5	3.4	12.5	1.7	40	11+	-19	22	1465	0	21	28	11	.23	- .43	.10	20	4.4	3	20+	1	0	0
HILLSBORO		22.2	3.4	12.8	2.0	40	28	-16	23	1458	0	21	28	14	.24	- .30	.10	9	3.0			1	0	0
MAYVILLE		21.4	2.9	12.2	0.9	38	28	-17	23	1478	0	22	28	13	.35	- .18	.14	20	4.3	4	20+	2	0	0
SHARON		19.5	0.1	9.8	0.3	36	28	-18	21+	1542	0	22	28	16	.30	- .17	.17	9	5.5	6	9+	2	0	0
VALLEY CITY		23.8	3.6M	13.7M	0.6	42	28	-15	22	1434	0	20	28		.16	- .33	.12	20	1.6			1	0	0
DIVISION				12.1	1.1										.26	- .26			3.8					
SOUTHWEST DIVISION																								
AMIDON	AM																							
BEACH	AM	28.1	4.5	16.3		53	25	-20	2	1359	0	16	28	14	.23		.04	4+	4.8	6	2+	0	0	0
BELFIELD		28.3	5.9	17.1		54	24	-21	1	1340	0	15	27	12	.56		.26	7		13	7+	2	0	0
BOWMAN COURT HOUSE		32.6	8.2	20.4	2.7	55	24	-18	22	1243	0	12	28	9	.15		.06	22				0	0	0
DICKINSON CAA AP	R //	27.0	6.0	16.5		53	24	-21	1	1353	0	15	28	11	.18		.06	20	1.3	4	7+	0	0	0
DICKINSON EXP STATION	AM	26.6	3.0	14.8	0.9	52	27	-19	2	1400	0	17	28	14	.21	- .24	.08	1	1.5	6	7	0	0	0
FAIRFIELD		25.7M	5.3M	15.5M		47	24	-18	1	1376	0	15	27	11	.01		.01	7	.5	8	7+	0	0	0
HETTINGER		31.4	9.2	20.3	2.0	56	24	-17	22	1248	0	12	28	7	.18	- .11	.06	2+		3	22+	0	0	0
MARMARTH		35.0M	8.0	21.5M	2.8	58	27	-19	2	1191	0	12	27	10										
MEDORA 3 NNE		32.7	3.9	18.3		55	24	-29	2	1305	0	13	28	13	.22		.12	7	6.5	8	7+	1	0	0
MOTT		31.3	5.3	18.3	1.2	54	24	-19	1+	1303	0	12	28	12	.20	- .21	.08	20	2.2	3	2+	0	0	0
NEW ENGLAND		31.1	6.2	18.7	1.3	56	24	-18	1	1293	0	12	28	13	.20	- .39	.06	20				0	0	0
RICHARDTON ABBEY		27.7	7.1	17.4	1.3	50	27	-15	1+	1327	0	14	28	9	.22	- .33	.07	7	2.7	4	1+	0	0	0
DIVISION				17.9	0.7										.21	- .25			2.8					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		27.2	6.9	17.1		50	27	-19	1	1338	0	15	28	8	.27		.10	20	4.9	6	7+	1	0	0
BISMARCK WB AP	R //	24.6	2.9	13.8	1.1	49	27	-16	22	1432	0	16	28	13	.23	- .20	.14	20	4.4	4	20+	1	0	0
CARSON NO 2	AM	26.4M	4.8M	15.6M	0.5	52	28	-18	1	1384	0		28		.15	- .40	.11	27	2.0	3	1+	1	0	0
FORT YATES	AM	29.8M	5.6M	17.7M	1.2	53	27			1323	0		28	9	.12	- .33	.07	20				0	0	0
LINTON		28.4	2.4	15.4	0.7	55	27	-22	22	1383	0	15	28	14	.13	- .26	.11	20	3.0	4	1+	1	0	0
MANDAN EXP STATION	AM	23.1	3.1	13.1	0.1	49	28	-16	22	1450	0	19	28	15	.13	- .35	.06	21	5.5	5	1+	0	0	0
MANDAN FT LINCOLN PARK		27.7M	1.0M	14.4M		53	27	-18	1+	1405	0	17	28	13	.11		.09	20	3.0	5	1+	0	0	0
MOFFIT 4 SE		26.4	2.5	14.5		50	27	-21	22	1410	0	16	28	14	.09		.07	20	5.0	5	20+	0	0	0
NEW SALEM 1 S		25.3	3.7	14.5	0.0	48	27	-18	1	1411	0	17	28	14	.19	- .29	.05	20	3.1	7	7	0	0	0
DIVISION				15.1	- 0.1										.16	- .31			3.9					
SOUTHEAST DIVISION																								
ASHLEY		25.0	3.9	14.5	2.0	45	27	-24	22	1411	0	19	28	12	.23	- .21	.18	20	5.0	5	20+	1	0	0
EDGELEY EXP FARM	AM	24.0	2.2	13.1	0.0	44	28	-18	22	1449	0	18	28	13	.17	- .28	.10	21	4.0	4	21+	1	0	0
ELLENDALE		27.5	6.9	17.2	3.3	42	11+	-17	22	1333	0	16	28	8	.49	- .13	.33	20	8.7	8	21+	2	0	0
ENDERLIN	AM	22.9	1.3	12.1		41	18	-19	22	1479	0	18	28	14	.24		.21	21	6.3			1	0	0
FORMAN		25.8	5.5	15.7		42	17+	-17	22	1376	0	16	28	8	.26	- .31	.26	20	2.6			1	0	0
FULLERTON		26.4	5.8	16.1	2.0	43	27	-16	22	1363	0	16	28	8	.44	- .51	.32	20	4.4	4	20+	1	0	0
GACKLE		22.8M	2.9M	12.9M		44	27	-17	1+	1457	0	21	28	13	.30		.23	27	2.5	3	1+	1	0	0
GRAND RAPIDS 1 N		26.6M	1.7M	14.2M		42	27+	-23	22	1418	0	17	28	14	.21		.16	20	4.5	5	20+	1	0	0
HANKINSON R R STATION	AM	24.2	4.0	14.1	0.7	42	18	-16	22+	1419	0	18	28	10	.22	- .36							0	0
LISBON		25.1	1.6	13.5	0.4	40	28	-22	22	1438	0	17	28	13	.38	- .20	.18	20	6.9	7	1+	2	0	0
MC LEOD 3 E		26.7M	4.2	15.5M	2.5	43	25	-21	22	1370	0	17	28	12	.34	- .13	.15	20				1	0	0
NAPOLEON		25.6M	2.8	14.2M	2.0	47	27	-23	22	1407	0	16	28	14	.18	- .27	.15	20		5	1+	1	0	0
OAKES	AM	24.6	1.4	13.0	0.4	40	18+	-18	3+	1453	0	18	28	14	.41	- .18	.22	21		5	21+	2	0	0
WAHPETON STATE SCHOOL		27.5	5.8	16.7	2.9	43	28	-20	22	1349	0	16	28	10	.34	- .23	.16	21	5.7	5	21+	2	0	0
WISHEK	AM	22.5M	- 1.3M	10.6M	- 1.0	45	28	-19	22	1520	0	20	28	18	.09	- .29	.07	21	4.0			0	0	0
DIVISION				14.2	1.1										.29	- .26			5.0					

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1957

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	.48	.03	T						T	.07	T					T	.03	T	T		.16	.14	T	.05	T			T	T			
ADAMS 7 S	.57									.22						.03	.02	.04	T	.06	.08	.04		.04				.02	.02			
ALEXANDER	.17						.04		.04											.02	.05		.02									
ALMONT 7 SW	.27	T		T				.04								T				.01	.10		.04	.05				.03	T			
AMBROSE 3 N	.06			T				T		T	T											.06		T								
AMENIA	.34																.04	.03			.20		.03	.04								
AMIDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ARVILLA STATE PARK	.32	.01								.26								T			.03				.02				T			
ASHLEY	.23		.02																	T	.18	.01	T	T				.02	T			
BALTA	.31									.14					T	T	.02	T	T		.11							.04				
BANTRY	.47									.12							.05					.05	.05						.20			
BEACH	.23	.03	.02		.04			.03									T			.02	.04	.03		.02				T	T			
BELCOURT INDIAN RES	.14	T			T					.04								.02			.06	T		T				.02				
BELFIELD	.56	T	.03	.03			.12	.26	T									T	T	T	.08	.02	.02	T				T	T			
BERTHOLD	.08	.02								.06						T	T											T	T			
BEULAH	.03			T												T				.02		T		.01				T				
BISBEE	.26									.14								.02			.10			T	T							
BISMARCK WB AP R//	.23	T	.01	T	T		.01	T		T	T	T				T				.02	.14		.04	T				.01	T			
BISMARCK 12 ENE	.19	.07	.01		T															.09				.02				T				
BOTTINEAU	.25	.01				T				.03							.02	.07			.02	.02			.01			.07				
BOWBELLS	.20								.12	T				T	T	T	T	T		T	.08											
BOWMAN COURT HOUSE	.15	T	T																	.05	.04		.06									
BOWMAN 9 SE	.18			.10															T		.08							T				
BOWMAN 30 NNW	.19																		T	.09				.10			T					
BURT 16 N	.23		.02				.02														.09		.04					.06				
BUTTE	.02	.01																			.01	T										
CARRINGTON	.10	.01								T			T				.01				.01	.05		T	T			T	.02			
CARSON NO 2	.15		T																		.04							.11				
CAVALIER	.27						T			T	.05					T		.07			.10	T		T	T				.05			
CENTER	.07																			T	.07		T	T					T			
COLGATE	.10									.03											.07											
COLUMBUS	.11									.03											.08											
COOPERSTOWN	.22	T								.15						T	T	T	T		.07	T	T	T	T				T			
COURTENAY	.39									.12	T										.21	T	T					.06	T			
CROSBY	.11					T				.05										T	.06								T			
DEVILS LAKE WB CITY R//	.42	.01				T			.19	.02	T			T	T	T	T	.04	T	T	.11	T	T	.02	T	T		.02	.01			
DICKINSON CAA AP R//	.18	T	T	T			.04	.01										T	T	T	.06	T	.02	T			T	.05	T			
DICKINSON EXP STATION	.21	.08						.05			T							T			.01	T	T	.02				.05				
DONNYBROOK	.06									T							T			T	.06								T			
DRAKE	.13	.02								.03				T			T		.01		.02	.01		T				.04				
DUNN CENTER 2 SW	.06	.03						.01													.01	T	T	T				.01				
ECKMAN 2 SE	.18	.04								.02							T				.03							.09				
EDGELEY EXP FARM	.17	T	T																		.06	.10		.01								
EDMORE 1 W	.30	.05								.11						.04					.10											
ELGIN 5 S	.06	T	T	T				T				T				T			T	T	.06	T	T	T				T	T			
ELLENDALE	.49	T	.04						T	T				T		T				T	.33	.12	T	T	T	T	T	T				
ENDERLIN	.24	.03								T							T				T	.21										
EPPING	.22			T	T	T	.03		T	.03		.02				T		T	T	.05	.07		T	.02				T	T			
FAIRFIELD	.01	T		T			T	.01											T	T	T	T							T			
FARGO WB AP R//	.23	.01	T						.03	.03	T	T		T		.01	.02	T	T	T	.10	T	.02	T				T	.01			
FESSENDEN	.12	.05								T								T			.07		T	T								
FLASHER	.07																				.02	.05										
FLAXTON	.14			T	T	T	T			.07				T		T	T	T		T	.07	T		T				T	T			
FORBES 13 NW	.16	T	T																	T	.12	.04	T	T				T				
FORMAN	.26	T	T						T												.26	T	T									
FORT YATES	.12																				.07	.05	T									
FOXHOLM 7 N	.13	T								.08											.05											
FULLERTON	.44	.08	.02	T								T									.32	T	.02									
GACKLE	.30										T						T			T	.05		T					.23	.02			
GARRISON	.05	.02			T												T		T		.02	.01		T	T			T				
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GOLDEN VALLEY 10 S	.08	T	.02			T	T					.03									T			T				.03				
GRAFTON	.47									.05	T	T					.25				.05	T		.12					T			
GRAND FORKS CAA AP R	.49	T				T	T		.12	.16	.03	T				T	T	.05	T	T	.11	T	T	T	.01			T	.01			
GRAND FORKS UNIVERSITY	.51	.02				T				.26	.01					T	T	.04	T	T	.10	.03	T	T	T			T	.05			
GRAND RAPIDS 1 N	.21		.05						T								T				.16		T					T				
GRANVILLE	.24									.10								T			.08		T	T	T			.06				
GRASSY BUTTE 10 N	.30		T	T				.30																		T						
GRENORA	.02																			T	.02											
HAGUE	.20	T	.05		T						T					T				T	.15	T	T	T				T				
HALLIDAY	.07	T						T												T	.06		T					.01				
HANKINSON R R STATION	.22	.02															T				*	.20										
HANNAH	.24									.04	T					T		.10	.01		.08	T		.01		T		T	T			
HANSBORO	.07									.02	T					T	T	.01	T		.04	T		T	T			T	T			
HARVEY	.21									.04											.17											
HETTINGER	.18	T	.06																	.03	.06		.03									
HILLSBORO	.24	.02	T							.10	T	T		T		.01		T	T	T	.08	.02	T	T				T	.01			
JAMESTOWN CAA AP R//	.34	T	.01						T	T				T		T	T	T		.05	.12		.02	T				.14	T			
JAMESTOWN STATE HOSP	.13																				.13		T					T				
KEENE 2 S	.18	T							.08	.02					T					.01	.07			T								
KENMARE	.19	.02								.09											.08											
KENSAL WILDLIFE REFUGE	.13	T								.03						T	T	T	T		.08	T	T					.02	T			
KILLDEER 8 NW	T																					T										
KULM	.23		.02																		.21	T	T					T	T			
LANGDON EXP FARM	.34									.06						.04	.01	.04	T		.08	.03		.03					.05			
LANSFORD	.22	T				T				.07				.02		T		.02			.08	T		T				.03				
LARIMORE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEEDS	.44									.39											.05			T								
LEFOR 10 E	.17	.01	T					.04													.07		.03	T				.02				
LINTON	.13	T	T	T	T						T									.02	.11		T	T					T			
LISBON	.38	.06	.02														T				.18	.12	T									
LITCHVILLE	.21	.03	.01						T								.02				.10	.04	.01	T					T			
LOSTWOOD 12 N	.13	T	T			T		T		.06						T	T	T		T	.07								T			
MADDOCK AGR SCHOOL	.14	.02								.06			T			T	T	T			.06	T	T	T				T				
MANDAN EXP STATION	.13	.02	T		T			T													.03	.06		.02								
MANDAN FT LINCOLN PARK	.11	.02	T					T													.09								T			
MARMARTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MARTIN	-														T					T	-						.03					
MAX	.16	.03								.03											.04	.03			.03			T				
MAYVILLE	.35	.01								.13	T					.01		T	T		.14	.03	T	.02	T			.01	T			
MC CLUSKY	.08																				.05	.03										
MC HENRY 5 N	.16	T								.05						T	T	T			.07	.01	T	.01				.02	T			
MC LEOD 3 E	.34									.08						T	.05				.15	.05						.01				
MC VILLE	.19									.10	T					T	T	T			.09	T	T					T	T			
MEDINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MEDORA 3 NNE	.22	.01		T	.02			.12											T	.01	.03	T	.03	T	T	T			T			
MEDORA 23 NNW	.14	.06						.05													.01			.02								
MINOT CAA AP	.20	T	T						.09	T	T			T		T	T	T	T	T	.08		T	T	T			.03	T			
MINOT EXP STATION	.12	.02								.04	T						T				.04	.02		T				T				
MOFFIT 4 SE	.09	.01	T							T										T	.07	T	.01	T				T				
MOHALL	.12			T						.04				T		T		.02			.06											
MONTPELIER	.20	.02	T											T		T	.01	T	T		.12	T	T	T				.05	T			
MOTT	.20	.02	.04					T												T	.08		T	.03				.03				
MUNICH 4 SW	.16		T							.03	T				T			.04			.03					T		.03	.03			
NAPOLEON	.18	T	.03																		.15	T	T					T				

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
NEW ENGLAND	.20	T		.02	.04															.02	.06		.02					.04				
NEW ROCKFORD 7 WNW	0 .16	T							T	.06	T	T				T	T	T			D.10		T					T				
NEW SALEM 1 S	.19	.04	T	T			T	.04			T				T	T	T	T		.03	.05	T		T	T			.03	T			
NEWTOWN	.11								T	.05		T						T			.04			T				.02				
NOONAN	.22									.12				.10																		
NORTONVILLE	.22																				.17							.05				
OAKES	.41	.03	.01	T						T						T	.02		T		.10	.22		.03					T			
PARK RIVER	.15									.03	.02					T		.03			.07			T	T				T			
PARSHALL	.09	.01							T	.03	T	T			T	T	T	T		T	.05	T		T				T	T			
PEMBINA 2 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PETERSBURG	.34	.01								.20	T					.03	T	.01			.08					T		T	.01			
PETTIBONE	.13																.03				.10											
PINGREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PORTAL	.17	T			T		T			.10				T							.07							T	T			
POWERS LAKE 1 N	.07	T							T											T	.07											
PRETTY ROCK	.04	T	T								T		T	T						.04	T	T	T									
RAUB 10 SSW	.05								T			T								T	.05		T	T								
REEDER	.20		.06																	.03	.07		.04									
REEDER 14 N	.09	T	.04																		T	.04			.01							
RICHARDTON ABBEY	.22	.02		T	T		T	.07					T			T	T	T		.02	.05		.04	T				.02	T			
RIVERDALE	.03	T			T					T	T						T	T			.03	T	T	T	T			T				
ROLLA	.18				T				T	.06						.03	T	.03			.06			T	T			T	T			
RUGBY	.24	.02								.12								T			.09			.01			T					
RYDER	.12						T			.06		T		T				T			T	.06			T							
SAN HAVEN	.28									.15								.06			.05	T			T			.02				
SCRANTON	.18	T	.08	T																.02	.06		.02									
SELFRIDGE 11 W	.82	.08	.08	.04				.04												.24	.24			.10				T				
SENTINEL BUTTE 20 S	.19	.05	.04					T													.04	.06					T					
SHARON	.30	.01								.17							.02	T			.10		T	T	T				T			
SHERWOOD 3 N	.16				.01					.02								.01			.02							.10				
SHIELDS	.05	T																		T	.05							T				
STANLEY	.16	T							T	.08		T				T				T	.08											
STEELE	.23	.02	.02		T						T									T	.15	T	.04						T			
SYKESTON	.12	T								T	T						T				.10		T					.02				
TAGUS	.10									.05								T			.05							T				
TIOGA 1 E	.25	.04					T			.15											.06						T					
TOLLEY 4 NE	.05			T		T								T				T			.05								T			
TOWNER	-									.05											-											
TROTTERS 6 SE	.28	.03	T	.04	.02		.07	.07												T	.04		.01						T			
TURTLE LAKE	.11	.02														T					.07		.02									
TUTTLE	.15									T	T						.02				.11	T		.02								
UNDERWOOD	.11	.04																			.03	.03	.01									
UPHAM 3 N	.12	T								.02							T	.03			.07							T				
VALLEY CITY	.16	.03	T													T					.12		.01	T	T							
VELVA	.16	.04								.05											.04	.03		T	T			T				
VERONA	.12																				.12								T			
WAHPETON STATE SCHOOL	.34		.04						T	T	T					T	.02	T			.11	.16	.01	T				T				
WALHALLA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WARWICK	.06									.02											.04											
WASHBURN	.05																		T		.05		T						T			
WATAUGA S DAK 8 N	.14		.08																	.04	.02	T					T					
WATFORD CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WATFORD CITY 14 S	.17	T		T			.07	.03	.02											T	.03		.02									
WESTHOPE	.12									.03								T			.09							T				
WILDROSE	.22									.12											.10											
WILLISTON WB CITY R//	.19	T	T	T		T	.03		.01		T					T	T	T	T	.08	.06	T	T	.01				T				
WILLISTON EXP FARM	.10					.01	.01		.01	.01											.05			.01								
WILLOW CITY	.20									.15								T			.05			T				T				
WILTON	.18																				.08							.10				
WISHEK	.09		T																		.02	.07										
WOODWORTH 5 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ZAHL	.17	T		T		T	.01		T	.05		T						T	T	T	.11			T					T			

Table 5

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	10	7	19	21	21	32	15	23	40	34	42	38	34	37	39	32	34	22	11	14	5	1	12	42	46	40	50	40				27.2
	MIN	-19	-14	- 2	1	1	4	3	3	13	17	17	21	19	19	22	17	21	4	- 2	- 2	-13	-12	-12	8	14	9	30	27				6.9
AMENIA	MAX	3	6	12	20	20	34	21	23	26	32	36	38	34	27	33	25	38	18	9	7	6	1	5	34	36		40	41				23.2
	MIN	-10	-10	-15	- 5	- 5	2	6	1	17	4	13	23	15	0	24	1	2	- 3	- 8	1	- 9	-18	-15	0	19	2	17	27				2.7
AMIDON	MAX																																
	MIN																																
ARVILLA STATE PARK	MAX	1	8	19	23	20	26	19	20	21	27	36	37	33	25	34	21	33	18	7	7	6	1	7	22	36	19	34	39				21.4
	MIN	-20	-20	- 8	- 9	5	- 5	- 6	- 6	6	- 4	8	19	10	-15	19	- 1	- 6	-11	-14	- 2	-13	-24	-23	1	18	-13	11	25				- 2.7
ASHLEY	MAX	7	6	14	22	19	32	21	26	32	31	39	38	32	32	35	22	38	20	12	12	7	1	10	36	40	33	45	39				25.0
	MIN	-15	- 7	- 9	- 3	3	- 3	- 5	1	12	16	3	15	20	10	21	6	11	0	- 3	3	- 9	-24	-10	8	18	0	23	26				3.9
BEACH	MAX	26	- 1	15	18	27	27	28	23	38	38	35	40	36	42	46	31	43	33	18	7	9	0	- 2	29	53	27	50	50				28.1
	MIN	-19	-20	-11	- 3	- 6	- 7	- 6	- 1	14	16	17	16	16	25	21	10	11	6	0	- 1	-16	-16	-15	- 4	24	20	26	28				4.5
BELCOURT INDIAN RES	MAX	2	- 2	15	14	12	17	11	17	24	25	32	34	31	26	33	16	28	11	6	5	3	- 3	1	20	38	22	40	39				18.5
	MIN	-20	-25	-15	- 7	0	2	-16	- 7	10	8	5	9	9	- 3	15	-16	4	-10	-21	- 5	-20	-26	-32	- 2	11	- 9	15	23				- 4.4
BELFIELD	MAX	4	12	18	22	11	29	18	29	39	37	42	40	40	46	31	38	33	20	10	9	2	2	13	54	40	52	51	49				28.3
	MIN	-21	-19	- 2	- 4	- 6	3	0	- 7	11	19	18	12	22	20	20	7	20	2	- 2	- 2	-14	-13	-10	12	20	14	34	30				5.9
BEULAH	MAX		- 2	8	17	23	14	27	27	31	34	31	42	38	33	40	29	31	32	16	9	12	4	- 1	12	41	35	43	50				25.0
	MIN		-16	-12	-11	- 2	- 2	- 2	- 6		14	23	19	18	19	22	8	8	0	- 5	- 6	-14	-17	-11	- 4	9	15	16	30				3.6
BISBEE	MAX	- 5	5	11	15	20	20	21	20	21	22	35	33	31	29	33	12	26	8	7	10	5	- 3	5	22	31	23	40	35				19.0
	MIN	-16	-23	-10	- 6	3	4			10	7	14	10	1	1	12	- 6	8	- 9	-13	0	-22	-20	-18	2	13	- 1	16	25				- 0.7
BISMARCK WB AP	MAX	0	8	17	21	14	30	21	23	33	32	42	38	33	38	34	24	36	16	8	9	4	- 4	13	33	38	37	49	41				24.6
	MIN	-15	-11	- 9	- 6	- 1	0	0	- 6	2	6	8	22	15	13	19	10	11	1	- 4	3	-13	-16	-13	7	5	- 1	27	26				2.9
BOTTINEAU	MAX	- 2	- 6	4	12	13	10	14	12	21	23	20	36	35	27	32	24	19	26	5	7	7	0	- 7	11	30	15	30	40				16.4
	MIN	-18	-28	-25	-10	- 6	- 7	-10	-11	- 1	7	4	9	11	6	9	-10	- 5	-15	-18	-13	-20	-23	-23	- 7	7	- 3	6	21				- 6.2
BOWBELLS	MAX	- 1	5	14	19	18	17	17	23	31	30	35	37	41	40		27	31	12	7	4	- 2	- 5		35	43	36	40	37				22.7
	MIN	-24	-20	- 7	- 5	- 7	- 9	- 2	9	12	15	23	20	19	20		1	11	- 7	-10	- 4	-15	-20	-15	14	10	4	33	28				2.7
BOWMAN COURT HOUSE	MAX	24	10	19	29	26	35	22	41	41	40	44	41	45	49	47	43	40	28	20	9	4	- 1	14	55	47	49	50	43				32.6
	MIN	-17	-15	- 3	- 4	- 1	6	3	5	20	21	18	17	24	23	21	9	20	9	0	1	-14	-18	- 8	10	25	20	31	27				8.2
BUTTE	MAX	4			10	18	15	21	15			29	39	36	29	35			32	10	6	10				43	22	32	45				23.7
	MIN	-20	-19			0	1	6	3			17	21	21	15	18			- 4	- 9	- 7	-17					5	14	29				
CARRINGTON	MAX	2	- 4	11	12	22	15	28	20	20	28	22	35	35	26	32	28	34	32	8	10	8	4	- 5	18	37	35	28	44				20.9
	MIN	-14	-18	-11	- 5	0	- 2	- 1	- 1	1	14	2	14	17	4	5	- 2	- 4	- 4	-10	-10	-14	-15	-19	- 9	17	- 3	5	25				- 1.4
CARSON NO 2	MAX	21	0	9	18	23	23	33	24	30		24	42	40	39	40	36	35	36	20	8	14	4	0		45		43	52				26.4
	MIN	-18	-13	-15	- 4	- 1	0	2	0	10	10	12	14	19	17	22	21	12	2	0	0	-15	-15	-15		28		22	29				4.8
CAVALIER	MAX	2	8	20	22	20	20	16	19	27	25	34	38	35	23	35	15	28	13	7	6	8	6	2	19	35	18	36	38				20.5
	MIN	-15	-18	- 6	0	7	7	- 3	- 1	3	13	6	22	8	- 3	15	- 7	1	- 8	-10	- 3	-11	-15	-20	0	16	- 2	12	29				0.6
CENTER	MAX	8	6	15	20	17	29	20	22	32	40	42	39	37	35	36	26	33	14	10	15	8	- 1	8	33	37	37	48	42				25.3
	MIN	-25	-16	-14	- 3	- 1	- 6		-10				10	16	12	22	5	11	- 6	-10	0	-18	-18	-22	5	9	12	26	26				0.2
COOPERSTOWN	MAX	0	4	12	21	16	27	19	20	24	25	34	36	32	28	34	25	34	24	10	7	4	3	4	28	36	24	37	38				21.6
	MIN	-15	-14	-12	- 7	2	0	0	- 1	15	- 3	3	17	16	- 1	23	- 2	1	- 9	-15	- 1	-15	-16	-18	3	19	- 6	16	24				0.1
CROSBY	MAX	- 1	2	14	17	16	13	18	22	26	28	40	37	38	42	35	30	32	13	5	4	- 1	- 6	9	38	42	38	42	38				22.5
	MIN	-19	-21	- 8	- 5	- 6	- 6	2	- 2	11	16	15	15	20	22	15	6	12	- 5	- 8	- 9	-12	-20	-14	2	6	11	31	29				2.8
DEVILS LAKE WB CITY	MAX	- 4	5	14	20	15	21	15	21	19	22	35	33	24	33	33	17	28	4	6	8	2	- 8	7	24	33	23	43	36				18.9
	MIN	-16	-18	-11	- 3	3	1	- 4	2	10	6	6	17	5	2	10	- 3	0	- 9	-12	- 5	-17	-15	-14	7	5	0	20	21				- 0.4
DICKINSON CAA AP	MAX	- 3	5	19	25	16	31	20	30	37	33	41	38	39	45	30	38	33	16	7	12	- 1	- 3	15	53	37	51	51	40				27.0
	MIN	-21	-17	- 1	- 3	- 5	4	0	2	16	16	20	17	25	21	17	9	10	3	- 3	- 6	-15	-13	- 7	9	16	17	32	24				6.0
DICKINSON EXP STATION	MAX	20	- 1	8	20	26	24	31	20	27	38	34	42	39	40	43	30	37	34	14	6	11	0	- 4	23	51	31	52	50				26.6
	MIN	-18	-19	-15	-12	- 8	- 3	1	- 5	0	15	15	13	15	25	21	8	9	2	- 2	- 3	-16	-14	- 7	- 4	22	14	21	29				3.0
DRAKE	MAX	2	- 5	7	14	17	16	20	16	19	26	27	39	36	25	34	27	31	31	10	5	11	1	- 6	17	35	30	30	45				20.0
	MIN	-21	-23	-18	- 7	- 3	- 4	1	2	2	14	9	18	18	11	16	- 3	- 2	- 7	-11	-10	-16	-15	-14	-11	15	3	12	27				- 0.6
DUNN CENTER 2 SW	MAX		- 3	7	18	22	22	25	18	28	38	31	42	35	36	41	28	33	30	14	6	12	- 1	- 4	16	45	22	47	47				24.3
	MIN	-17	-17	-15	- 2	1	- 3	- 1	- 4	- 1	20	15	15	15	20	23	8	12	3	- 5	- 5	-15	-15	-17	- 4	15	9	18	32				3.0
ECKMAN 2 SE	MAX	- 1	- 4	6	16	19	7	16	20	20	23	25	41	36	27	35	25	21	26	9	7	6	1	- 6	3	34	22	32	42				18.1
	MIN	-21	-23	-19	-15	-10	-15	-13	- 7	1	7	6	19	17	10	12	- 6	- 4	- 7	-13	-12	-17	-16	-18	-16	0	3	8	28				- 4.3
EDGELEY EXP FARM	MAX	7	1	8	15	29	20	35	19	25	28	33	40	38	32	34	33	19	40	14	12	8	5	- 1	22	41	41	29	44				24.0
	MIN	-12	-12	-11	- 5	5	6	1	0	3	19	4	15	21	8	10	6	6	- 1	- 5	- 5	- 7	-18	-10	- 8	20	0	4	27				2.2
EDMORE 1 W	MAX	- 7	4	16	19	19	20	15	21	24	25	34	35	30	25	33	18	29	14	8	6	4	3	0	23	31	20	36	38				19.4
	MIN	-19	-21	-13	- 5	1	1	-11	- 2	12	3	0	10	10	- 1	16	- 8	4	-14	-18	- 1	-24	-19	-18	0	16	- 5	15	15				- 2.7
ELLENDALE	MAX	7	13	22	28	22	37	23	29	29	34	42	41	37	36	34	27	42	23	14	13	11	2	14	35	42	30	41	41				27.5
	MIN	-10	- 3	-13	4	4	0	6	6	15	15	7	23	25	18	11	10	13	2	- 2	5	- 5	-17	- 9	12	21	5	21	29				6.9
ENDERLIN	MAX	5	3	8	15	16	15	35	20	25	29	34	39	39	29	33	34	14	41	14	12	10	7	0	25	35	40	27	38				22.9
	MIN	-11	-10	-11	- 8	- 2	- 2	2	0	15	5	14	19	15	3	6	4	4	0	- 6	- 4	- 9	-19	-15	- 7	23	3	6	20				1.3
FAIRFIELD	MAX	2	2	11	23	15	29	18	26	34	35	42	35	36	42	32	33			8		- 2	3	8	47	34	46	46	37				25.7
	MIN	-18	-16	- 4	- 3	- 2	9	1	4	15	15	16	11	24	22	13	9		- 5	- 2		-16	-13	-12	5	16	14	35	21				5.3
FARGO WB AP	MAX	0	5	11	19	16	32	20	25	23	29	40	37	30	29	32	11	36	6	7	9	3	- 2	18	34	36	23	33	40				21.5
	MIN	- 9	- 7	- 8	- 1	8	5	4	10	8	14	18	22	4	1	10	0	3	- 3	- 9	2	-11	-19	-11	18	7	0	15	25				3.4
FESSENDEN	MAX	1	6	15	20	18	27	19	20	24	28	40	38	32	32	34	20	35	12	11	10	7	0	4	31	34	32	48	42				22.9
	MIN	-19	-19	-10	- 6	2	- 3	2	1	14	15	5	17	18	10	19	3	10	- 3	- 8	4	-15	-14	-16	1	17	2	23	27				2.8
FORMAN	MAX	4	8	13	20	21	35	24	26	26	34	40	39	36	31	34	26	42	31	11	14	10	0	7	35	42	33	38	41				25.8
	MIN	- 9	- 3	-16	0	2	4	3	6	21	14	3	18	21	7	26	5	6	2	- 4	4	- 5	-17	-10	5	21	6	19	26				5.5
FORT YATES	MAX	21	2	11	20	27	19	39	26		42	33	45	43	39	41	34	39	41	20	10	12		1	30	41	40	53	47				29.8
	MIN	-12	-14	- 8	2	0	2	2	0	4		11	22	26	12	18	12	16	3	2	2	- 9		- 7	0	20	6	7	28				5.6
FOXHOLM 7 N	MAX	0	5	17	21	20	16	18	20	22	29	41	37	36	37	39	26	30	15	10	8	5	- 5	8	34	41	35	44	40				23.2
	MIN	-18	-18	- 3	- 1	- 2	- 3	- 4	- 4	10	10	10	19	23	14	22	- 1	13	- 4	- 9	- 3	-16	-17	-18	2	12	1	29	30				2.6
FULLERTON	MAX	4	8	16	28	24	36	21	27	27	34	40	40	35	33	35	29	41	27	13	12	8	4	10	33	41	28	43	41				26.4
	MIN	-11	- 5	-10	2	5	- 1	4	3	14	17	5	20	22	10	26	8	10	1	- 4	4	- 7	-16	-10	7	19	1	19	28				5.8
GACKLE	MAX	1	4	8		17	31	21	21	23	29	37	34	30	31	33	20	34	18	12	11	8	4	8	31	37	31	44	38				22.8
	MIN	-17	-12	-12		1	- 3	- 3	4	17	6	14	17	17	7	17	0	12	- 5	- 8	1	-14	-17	-13	7	17	- 2	21	26				2.9

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	5	-4	8	12	18	18	21	17	21	30	24	40	36	35	37	24	28	32	13	8	12	1	-3	14	33	22	35	45				20.8
	MIN	-18	-21	-8	-4	-1	-2	3	-2	0	18	14	20	20	14	18	2	16	-3	-7	-8	-15	-13	-12	-5	13	4	13	28				2.3
GRAFTON	MAX	-1	7	18	23	20	22	18	20	30	25	35	35	34	23	33	20	30	15	8	8	5	2	5	22	35	18	32	39				20.8
	MIN	-15	-18	-8	-3	8	5	0	0	5	8	10	20	11	-1	19	-4	2		-9	-2	-14	-14	-15	4	16	-4	12	25				1.4
GRAND FORKS CAA AP	MAX	0	6	17	22	18	25	17	22	21	30	35	35	28	23	35	8	32	5	6	6	5	-2	10	29	31	18	31	38				19.7
	MIN	-13	-14	-9	-1	5	4	-1	4	0	12	16	20	-1	-3	5	-3	1	-8	-12	-1	-16	-17	-14	10	16	-3	16	23				0.6
GRAND FORKS UNIVERSITY	MAX	1	7	17	23	18	27	16	22	22	27	35	36	31	24	32	14	33	5	7	5	7	-2	6	26	34	18	31	39				20.0
	MIN	-14	-15	-11	-2	5	3	-1	3	7	2	11	19	7	-4	14	-4	0	-7	-12	-1	-15	-17	-15	5	14	-4	13	26				0.3
GRAND RAPIDS 1 N	MAX	3	10	16	26	24	37	20	25	27	33	40	40	33	32	33	30	40	28	12	12	8	1		40	33	31	42	42				26.6
	MIN	-16	-9	-15	-11	1	-9	-1	-3	7	9	-3	20	21	7	26	1	8	-1	-6	4	-9	-23	-5	16		-4	19	22				1.7
GRANVILLE	MAX	2	8	17	20	16	18	19	22	27	29	43	38	30	36	34	22	31	13	8	9	3	-4	8	30	38	34	45	39				22.7
	MIN	-22	-22	-10	-5	-2	2	-5	-2	12	12	8	17	17	17	17	-1	13	-5	-11	0	-16	-15	-14	3	13	3	26	29				2.1
GRENORA	MAX	8	0	13	19	18	13	18	13	30	28	39	35	35	43	36	33	34		14	6	0			42	38	42	44	40				25.6
	MIN	-24	-17	-5	-5	-4	0	-4	0	7	15	14	14	19	23	20	3	13	-4		-9	-22			5	7	9	27					3.4
HANKINSON R R STATION	MAX	12	2	11	15	25	20	36	20	28	28	34	40	40	32	33	35	13	42	15	10	17	7	0	25	35	41	26	36				24.2
	MIN	-5	-6	-10	-5	7	1	7	7	18	20	17	16	23	5	5	9	0	2	-5	-5	3	-16	-16	-8	19	6	6	17				4.0
HANNAH	MAX	-4	3	15	17	15	15	13	20	21	22	33	35	33	27	32	17	26	13	2	5	3	-2	0	21	33	19	38	37				18.2
	MIN	-20	-21	-13	-7	-1	4	-11	-5	10	9	2	14	6	-2	14	-10	4	-19	-19	-3	-18	-23	-24	0	12	4	12	20				-3.0
HANSBORO	MAX	-4	4	17	17	14	15	13	21	21	20	35	38	31	26	33	16	26	5	6	10	5	-3	2	20	36	22	41	37				18.7
	MIN	-18	-24	-12	-8	0	3	-9	-2	7	3	4	14	8	3	15	-8	5	-10	-13	-2	-18	-20	-24	0	8	-1	15	24				-2.1
HETTINGER	MAX	21	14	20	30	16	37	21	37	42	38	46	42	46	50	41	41	37	21	11	11	5	-4	14	56	45	47	54	40				31.4
	MIN	-15	-6	0	-3	3	8	2	4	20	24	20	20	25	22	18	10	20	7	1	3	-10	-17	-8	10	25	17	31	26				9.2
HILLSBORO	MAX	2	7	10	23	15	33	21	23	19	29	37	38	35	29	32	25	36	14	8	10	8	2	6	31	37	20	32	40				22.2
	MIN	-11	-9	-11	0	9	4	6	10	3	8	17	22	14	-1	25	-1	0	-4	-9	0	-10	-13	-16	5	20	-2	15	25				3.4
JAMESTOWN CAA AP	MAX	-1	5	11	23	16	29	19	22	23	29	37	35	30	32	34	20	38	13	12	7	3	-4	14	30	38	30	43	40				22.4
	MIN	-15	-10	-8	-3	-3	-2	0	-3	18	2	0	18	6	5	12	2	8	-2	-6	3	-15	-18	-14	14	7	0	23	24				1.5
JAMESTOWN STATE HOSP	MAX	-2	6	12	21	16	30	17	23	22	31	36	35	30	30	32	21	35	21	10	10	5	-2	5	29	39	26	40	39				22.0
	MIN	-13	-11	-7	-4	4	0	0	-4	18	15		18	16	5	20	3	9	-2	-6	3	-11	-16	-13	5	18	-1	21	26				3.4
KENMARE	MAX	1	-5	12	15	20	18	18	19	19	28	29	40	36	30	40	26	30	25	11	7	6	0	-4	10	42	18	37	42				20.4
	MIN	-19	-20	-12	-2	-2	-4	-3	-3	-1	10	15	19	18	18	22	2	1	-5	-7	-8	-15	-18	-18	-6	8	6	15	30				0.8
KENSAL WILDLIFE REFUGE	MAX	0	2	8	23	19	31	24	21	28	30	36	37	35	30	34	28	39	25	12	11	6	7	5	32	38	29	43	43				24.1
	MIN	-20	-16	-18	-4	3	-4	2	-3	18	15	2	20	20	2	1	0	7	-2	-9	2	-2	-11	-17	4	17	-4	20	26				1.8
LANGDON EXP FARM	MAX	-3	2	14	17	14	17	12	17	24	28	33	34	31	24	30	18	30	16	11	7	3	0	-1	21	30	20	35	35				18.5
	MIN	-23	-23	-13	-9	-1	3	-12	-2	0	5	2	9	9	-3	18	-10	1	-17	-20	-4	-17	-21	-22	-2	18	-6	11	25				-3.7
LARIMORE	MAX	2	5	19	19	20	21	19	20	25	32	35	35	33	25	34	21	34	17	10	16	8	7	10	25	37	22	38	38				22.4
	MIN	-14	-14	-8	-5	3	2	-4	0	6	10	7	20	11	-4	21	-2	0	-10	-13	-1	-14		-15	3	20		13	27				1.5
LEEDS	MAX	0	3	11	19	15	17	15	21	20	21	36	34	26	30	31	17	26	14	7	10	6	-2	5	24	32	25	43	36				19.4
	MIN	-19	-20	-7	-4	-1	0	-8	-3	8	4	5	14	13	4	16	-8	8	-10	-15	0	-20	-18	-17	0	16	-2	19	25				-0.7
LINTON	MAX	12	10	19	23	18	37	22	29	36	32	42	40	39	39	37	27	40	30	12	15	12	0	12	37	39	39	55	43				28.4
	MIN	-14	-10	-16	-12	-8	-4	-3	-3	5	8	2	4	15	15	22	10	22	0	0	-7	-12	-22	-8	10	17	2	28	27				2.4
LISBON	MAX	3	6	12	20	20	35	29	23	24	32	39	38	38	28	33	28	39	34	13	10	7	5	4	35	39	32	37	40				25.1
	MIN	-11	-11	-13	-11	-2	-8	-2	-6	20	10	2	19	23	3	27	3	2	0	-7	1	-9	-22	-17	3	16	1	20	19				1.8
LOSTWOOD 12 N	MAX	-2		12	14	17	18	15	18	22	28	38	35	31	40	40		28	13	12	3		-5	6	35	39	37	39	40				22.9
	MIN	-21	-22		-6	-6	-6	-8	-3	4	14	15	14	21	18	19	-2		-10	-11	-5	-19	-21	-20	2	7	2	33	27				0.6
MADDOCK AGR SCHOOL	MAX	0	5	13	20	17	22	18	20	24	24	37	38	31	31	33	19	31	15	10	11	8	0	5	28	33	28	45	41				21.7
	MIN	-20	-18	-10	-5	1	0	-8	-4	12	9	2	16	14	4	18	-5	9	-8	-12	2	-18	-17	-16	2	15	-2	20	20				0.0
MANDAN EXP STATION	MAX	10	-5	8	16	21	18	30	17	22	31	28	42	37	33	38	29	33	35	14	6	11	3	-2	20	38	28	36	49				23.1
	MIN	-14	-13	-10	-1	3	-1	2	-3	0	11	11	20	21	12	21	8	11	-1	-4	-4	-10	-16	-13	-2	18	-1	15	27				3.1
MANDAN FT LINCOLN PARK	MAX		9	20	22	21	34	20	34	31	32	42	41	38	39	38	28	29	29	11	8	4	5	11	35	30	37	53	46				27.7
	MIN	-18	-14	-9	-4	1	-4	-1	1	6	8	4	17	20	10	10	5		-9	-11	-10	-14	-18	-12	6	19	-4	22	25				1.0
MARMARTH	MAX		7	21	30	21	34		41	42	40	45	44	45	50	44	45	35	27		12	10	-2	20	56	55	52	58	44				35.0
	MIN	-16	-19	0	-12	-14	14	-1	-2	10	24	18	14	25	25	24	12	13	13	4	5	-9	-13	-11	10	28	25	34	23				8.0
MAX	MAX	5	-5	4	13	17	14	18	15	21	28	26	41	37	33	34	26	25	29	12	8	10	0	-5	12	32	24	33	44				19.7
	MIN	-17	-19	-19	-8	-6	-2	2	-2	-1	11	11	17	16	12	14	1	1	-5	-9	-10	-19	-19	-16	-6	5	3	9	27				-1.0
MAYVILLE	MAX	-1	6	15	23	20	30	17	21	21	26	37	36	34	26	32	24	34	23	5	5	5	1	5	27	37	21	32	38				21.4
	MIN	-12	-9	-9	0	8	6	2	4	8	8	16	22	14	0	24	0	3	-7	-11	0	-14	-15	-17	5	19	-5	16	24				2.9
MC CLUSKY	MAX	0	4	11	18	15	24	18	20	22	29	40	37	31	32	30	20	32	9	9	13	7	-1	6	32	35	31	46	40				21.8
	MIN	-20		-14	-6	-1	-6	1	-4	6	7	8		20	0		-2	-5	-7	-11	1	-23	-16	-23	3	17	-3	21					-2.4
MC HENRY 5 N	MAX	-3	6	11	23	16	25	16	20	23	24	34	35	30	28	33	18	31	15	7	5	4	0	2	25	34	22	40	38				20.1
	MIN	-16	-19	-12	-6	0	-2	-4	-2	11	4	3	15	12	0	17	-1	2	-13	-14	0	-17	-16	-19	1	18	-6	15	24				-0.9
MC LEOD 3 E	MAX	6	7	7	20	24	35	25	28	28	32	38	38	35	28	35	27	40	29	20	11	10		7	36	43	35	35	42				26.7
	MIN	-10	-15	-10	-7	1	0	-1	2	20	12	15	30	18	12	25	3	0	0	-7	3	-7	-21	-12	6	17	1	18	25				4.2
MC VILLE	MAX	-2	4	12	22	15	25	18	20	21	23	34	34	31	26	33	17	31	11	9	6	3	-2	3	25	33	20	37	38				19.5
	MIN	-13	-16	-11	-7	2	-1	-7	-1	9	-3	-2	15	11	-2	17	-4	0	-11	-16	-1	-18	-15	-18	2	15	-6	10	25				-1.6
MEDORA 3 NNE	MAX	17	12	24	31	25	32	26	34	44	37	45	43	44	51	44	40	38	27	15	13	5	0	16	55	49	53	51	44				32.7
	MIN	-26	-29	-14	-20	-5	-2	-2	-13	6	21	13	20	26	28	22	6	22	0	-7	3	-12	-14	-9	4	22	12	29	28				3.9
MINOT CAA AP	MAX	-5	4	14	19	14	17	17	20	24	29	40	36	29	36	31	25	30	11	6	5	0	-6	7	38	42	34	43	38				21.4
	MIN	-17	-17	-4	0	0	0	2	2	8	14	24	20	19	17	20	0	6	-3	-8	-11	-15	-15	-11	5	7	7	31	24				3.8
MINOT EXP STATION	MAX	1	-5	3	15	18	14	17	16	19	27	27	38	35	30	35	25	28	30	10	5	8	0	-4	7	38	26	34	44				19.3
	MIN	-23	-24	-14	-2	-2	-2	3	2	3	12	13	16	19	16	20	0	1	-4	-9	-8	-17	-16	-16	-5	6	9	12	28				0.6
MOFFIT 4 SE	MAX	9	9	17	21	20	33	20	25	28	32	40	40	36	36	36	25	35	29	12	10	9	3	10	33	38	36	50	46				26.4
	MIN	-20	-11	-11	-4	0	-5	-4	-5	8	7	3	12	19	11	24	3	16	-2	-5	5	-12	-21	-14	4	21	-4	29	27				2.5
MOHALL	MAX	0	7	16	19	15	14	19	19	20	27	45	36	32	37	36	24	27	16	9	12	2	-1	6	30	40	33	42	38				22.1
	MIN	-19	-19	-5	-3	-2	-1	-8	-2	5	7	10	18	20	15	22	-2	12	-4	-10	-3	-15	-18	-15	1	13	4	28	29				2.1
MOTT	MAX	21	11	20	28	24	37	21	33	44	39	42	43	41	47	39	40	37	25	13	14	7	-1	13	54	42	47	53	43				31.3
	MIN	-19	-16	-6	-8	-12	5	-4	-7	8	22	16	17	20	22	23	7	23	2	0	-2	-13	-19	-10	2	21	22	28	25				5.3
MUNICH 4 SW	MAX	-10	-3	8	12	4	11	8	16	22	20	33	28	20	21	24	12	25	1	5	5	2	-3	0	20	25	20	36	33				14.1
	MIN	-26	-31	-20	-15	-8	-4	-20	-12	2	-1	-5	17	2	-9		-6	-3	-20	-21	-9	-18	-28	-28	-12	1	-9	7	13				-9.7

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX		8	15	20	17	33	21	26	28	29	38	39	33	33	35	24	35	23	10	13	9	-1	10	36	37	35	47	39				25.6
	MIN	-19	-13	-12	-2	-1	-1	-6	0	15	13	11	15	16	10	19	3	15	-1	-7	3	-18	-23	-13	8	19	-1	24	24				2.8
NEW ENGLAND	MAX	19	9	20	28	23	35	21	36	41	38	44	41	41	48	38	41	34	25	14	11	8	-3	13	56	47	51	52	40				31.1
	MIN	-18	-14	-1	-12	-5	3	-2	-3	-1	20	15	18	24	26	22	8	23	4	0	-1	-13	-13	-7	8	22	15	31	24				6.2
NEW SALEM 1 S	MAX	6	5	17	21	18	31	17	16	32	30	41	37	33	39	37	29	34	15	9	15	7	-2	10	41	42	38	48	41				25.3
	MIN	-18	-13	-8	0	-2	-3	3	-2	10	15	16	7	21	15	16	7	13	0	-7	-1	-13	-17	-16	-2	12	16	29	25				3.7
NEWTOWN	MAX	-1	6	13	17	21	15	18	22	27	33	43	36	34	43	43	28	30	20	10	10	2	-4	10	31	39	39	46	41				24.0
	MIN	-19	-26	-10	-9	-2	-5	4	-5	12	14	13	15	22	18	22	5	20	-4	-7	1	-17	-15	-13	5	13	5	30	29				3.4
OAKES	MAX	9	1	10	16	25	18	39	21	27	28	34	39	39	32	33	34	30	40	13	11	12	5	-1	30	34	40	31	39				24.6
	MIN	-10	-11	-18	-10	0	-3	0	1	15	12	0	11	20	8	10	5	9	2	-3	-3	-6	-18	-15	-4	18	2	5	22				1.4
PARK RIVER	MAX	0	8	15	22	20	21	17	20	25	22	34	35	34	24	34	23	31	15	8	7	5	4	3	21	35	21	36	38				20.6
	MIN	-14	-14	-4	0	8	3	-1	3	15	10	7	18	12	0	18	-3	4	-10	-10	-1	-15	-13	-16	2	15	-2	13	25				1.8
PARSHALL	MAX	2	4	12	18	17	19	17	22	28	29	41	36	33	40	40	28	30	15	11	9	3	-4	9	35	34	38	44	39				23.2
	MIN	-24	-26	-11	-11	-4	-5	0	-6	15	11	14	11	20	17	21	3	15	-4	-9	-1	-20	-15	-18	4	12	2	30	27				1.7
PEMBINA 2 N	MAX	1	3	22	23	23	20	17	21	27	33	38	35	21	32	27	14	25	15	7	8	6	5	1	28		17	35	35				20.0
	MIN	-20	-22	-21	-8	2	4	-20	-8	10	15		8	0		11	-11	-5	-10	-15	-5	-18	-20	-29	1				10				-6.6
PETERSBURG	MAX	-1	4	14	20	16	23	18	17	22	21	32	33	30	25	32	17	29	16	7	5	3	-1	2	23	32	18	35	36				18.9
	MIN	-14	-17	-10	-6	3	0	-6	2	13	5	6	17	12	-2	17	-4	0	-9	-15	-2	-17	-15	-15	2	15	-2	12	25				-0.2
PETTIBONE	MAX	-4	4	10	16	16	24	16	24	23	28	35	34	28	34	33	22	32	12	8	8	6	0	2	28	35	33	43	40				21.1
	MIN	-19	-18	-16		0	-4	-7	-2	12	11	6	12	13	3	20	-4	8	-9	-11	1	-14	-22	-18	2	17	10	20	19				0.4
PORTAL	MAX	-1	-7	2	8	19	13	10	19	17	26	27	38	35	29	41	26	30	22	8	5	1	2	-3	8	40	15	40	50				18.6
	MIN	-24	-24	-15	-7	-8	-8	-11	-6	3	11	11	14	15	19	20	-3	2	-9	-10	-9	-20	-22	-19	-6	5	5	13	27				-2.0
POWERS LAKE 1 N	MAX			12	15	16	15	16	30	27	27	39	35	37	40	33	27	25	10	5	4	-10	-9	12	38	37	37	41	35				22.8
	MIN			-12	-13	-10	-2	-9	8	14		14	10	20	25	18	-1	-2	-10	-10		-24	-23	-23	2	6	4		19				0.0
RAUB 10 SSW	MAX	-3	8	15	20	20	23	17	20	29	33	43	37	33	41	36	29	32	15	10	10	1	0	10	36	33	42	46	40				24.1
	MIN	-17	-12	-7	-4	0	1	2	0	15	17	12	17	19	20	23	7	12	-2	-6	-4	-15	-14	-13	6	8	6	31	29				4.7
RICHARDTON ABBEY	MAX	13	5	19	25	20	31	18	23	37	33	42	36	35	42	40	35	34	23	12	9	5	-4	10	49	44	47	50	42				27.7
	MIN	-15	-14	-2	-2	1	3	5	3	12	19	15	17	24	21	21	11	22	2	-4	-1	-12	-15	-12	9	19	12	31	29				7.1
RIVERDALE	MAX	6	-5	5	12	22	22	24	16	21	34	28	41	37	33	39	26	30	31	12	7	11	1	-4	12	38	24	34	44				21.5
	MIN	-15	-17	-12	-6	1	-3	5	-2	0	14	13	20	21	14	19	5	5	-1	-9	-9	-14	-12	-16	-11	7	3	9	29				1.4
ROLLA	MAX	-1	-1	15	14	14	18	12	18	24	22	33	34	29	28	34	15	29	4	8	8	4	-5	3	21	39	22	41	38				18.6
	MIN	-16	-25	-10	-5	0	0	-8	0	10	7	5	14	8	3	14	-8	-1	-9	-13	-7	-19	-23	-21	-1	5	-2	16	24				-2.2
RUGBY	MAX	1	5	17	16	16	19	16	21	23	21	38	38	35	32	34	20	28	14	6	10	6	1	10	23	29	29	45	43				21.3
	MIN	-17	-22	-11	-6	0	1	-9	-2	12	10	6	15	15	6	20	-5	10	-5	-14	2	-20	-16	-10	2	12	-1	22	22				0.6
SAN HAVEN	MAX	0	-2	15	12	12	17	12	18	23	24	33	37	31	28	34	17	27	10	7	5	2	-4	1	20	37	23	41	37				18.5
	MIN	-15	-23	-9	-5	1	2	-1	0	11	10	8	14	13	4	16	-7	4	-9	-14	-2	-14	-22	-22	-2	12	0	17	25				-0.3
SHARON	MAX	-2	4	12	21	15	25	18	20	20	23	34	34	30	25	33	20	32	10	10	6	6	-5	4	25	34	20	35	36				19.5
	MIN	-13	-14	-10	-6	3	3	-1	1	10	0	6	15	12	0	20	-4	0	-8	-13	-2	-18	-15	-18	2	18	-5	15	25				0.1
STANLEY	MAX	-2	2	14	15	17	15	15	20	25	28	39	34	33	39	35	25	29	11	6	8	-1	-6	6	33	39	37	41	36				21.2
	MIN	-18	-18	-7	-5	-4	-1	3	-3	10	15	14	17	22	18	20	4	10	-5	-9	-6	-16	-18	-13	4	9	4	32	26				3.0
STEELE	MAX	6	8	15	19	19	29	29	24	25	29	36	40	34	33	37	27	34	24	12	12	13	3	8	28	30	33	48	42				24.9
	MIN	-18	-10	-10	-4	2	4	4	-2	13	10	5	13	20	13	9	0	7	-6	-9	3	-18	-22	-16	6	6	7	23	23				1.9
TIOGA 1 E	MAX	-3	-7	0	11	18	16	15	17	20	33	30	38	33	30	40	28	30	29	11	8	5	-2	-5	14	39	19	38	41				19.5
	MIN	-24	-24	-19	-8	-5	-7	1	-5	-4	12	13	14	12	20	20	3	3	-5	-4	-13	-21	-20	-14	-6	3	6	12	28				-1.1
TOWNER	MAX	6	3	12	21	16	20	15	15	25	21	42	37	33	35	27	30		9	6	14	3	7	5	33	31	30	43	39				21.4
	MIN	-21	-24	-8	-11	-1	-10	-7	-2	11	7	15	23	7	11	12	12		-9	-17	-10	-18	-15			11	0	25	25				0.2
TURTLE LAKE	MAX	1	5	11	18	15	23	16	21	22	30	42	37	33	34	35	22	32	25	8	13	6	-3	7	29	34	34	45	39				22.6
	MIN	-23	-17	-11	-3	5	-3	0	-5	13	12	18	17	17	10	19	2	8	-10	-12	-1	-19	-17	-17	-10	14	-1	25	25				1.3
UNDERWOOD	MAX	2	-4	6	12	18	17	25	16	22	30	26	41	38	32	36	23	28	32	12	8	15	3	-4	14	36	27	35	45				21.1
	MIN	-21	-20	-11	-5	-4	-4	-2	-4	-2	11	11	18	18	12	15	0	0	-5	-11	-10	-19	-13	-15	-6	6	0	9	27				-0.9
UPHAM 3 N	MAX	0	1	18	20	18	19	16	20	26	26	42	38	35	33	34	24	30	18	1	12	5	1	6	25	32	30	43	37				21.8
	MIN	-18	-23	-16	-10	-2	2	-11	-7	8	8	5	14	21	6	20	-6	11	-9	-14	0	-20	-17	-18	2	0	11	24	27				-0.4
VALLEY CITY	MAX	5	5	12	20	18	30	22	23	25	26	38	38	35	30	34	26	38	27	11	10	6	5	6	32	37	26	39	42				23.8
	MIN	-10	-12	-12	-1	7	-3	3	3	20	7	6	18	19	0	26		3	-1	-8	2	-10	-15	-12	4	20	-2	18	26				3.6
VELVA	MAX	4	-4	6	18	20	20	20	19	20	29	28	42	38	30	37	27	29	33	12	7	11	3	-3	10	42	22	35	46				21.5
	MIN	-21	-21	-13	-1	1	-1	5	-2	-1	12	8	19	19	15	20	1	-2	-3	-10	-8	-14	-13	-13	-4	10	2	15	29				1.0
WAHPETON STATE SCHOOL	MAX	12	10	14	22	25	37	29	28	29	34	41	40	37	28	35	30	41	34	13	17	17	5	8	39	41	27	33	43				27.5
	MIN	-5	-4	-10	-2	4	3	1	9	23	19	18	22	20	4	27	3	0	-1	-6	4	-2	-20	-11	7	23	2	11	23				5.8
WASHBURN	MAX	2	6	14	19	18		28	22	30	31		39	35	35	38	33	15	10		13	8	-2	9	32	36	36	48	41				23.8
	MIN	-20	-13	-8	0	0		2	0	15	18		18	22	15	22	15	-2	-7		4	-14	-15	-15	8	19	3	29	28				5.0
WATFORD CITY	MAX																																
	MIN																																
WATFORD CITY 14 S	MAX	8	7	18	29	29	31	23	26	41	38	44	39	40	49	48	36	36	25	16	10	5	-1	15	53	46	50	48	45				30.5
	MIN	-20	-27	-8	-2	-1	1	-1	-9	2	18	15	21	29	25	22	6	23	-2	-4	-1	-16	-16	-13	6	15	12	33	30				4.9
WESTHOPE	MAX	-3	7	16	15	11	15	15	21	20	24	40	35	24	34	33	24	26	7	11	7	2	-7	5	23	31	28	41	35				19.3
	MIN	-21	-22	-11	-7	-4	-2	-13	-6	1	8	8	14	11	7	14	-5	0	-11	-15	-14	-20	-21	-24	-1	5	2	23	20				-3.0
WILLISTON WB CITY	MAX	-3	4	15	22	9	20	21	21	34	31	41	37	36	46	33	35	30	13	7	5	-1	-5	14	44	36	47	47	40				24.3
	MIN	-19	-21	-5	0	0	7	5	-3	7	19	24	20	25	26	18	8	11	0	-2	-12	-14	-15	-8	9	11	16	34	26				6.0
WILLISTON EXP FARM	MAX	1	0	12	18	17	20	17	20	34	32	39	34	33	43	39	33	29	19	10	4	0	-5	12	39	37	45	45	40				23.8
	MIN	-21	-22	-10	-7	-6	-5	0	-6	13	14	10	11	18	19	18	4	18	-5	-7	-13	-22	-20	-19	10	6	8	30	26				1.5
WILLOW CITY	MAX	-1	6	11	15	15	18	15	20	24	23	39	37	30	32	34	20	29	12	7	10	4	-2	5	23	28	30	42	36				20.1
	MIN	-16	-27	-12	-11	-3	1	-10	-8	-5	5	1	13	14	2	11	-7	8	-13	-20	-3	-21	-17	-19	0	11	7	22	26				-2.5
WILTON	MAX	8	5	12	22	16	26	17	21	26	30	35	35	32	32	32	22	21	15	11	12	6	-2	4	32	30	32	42	36				21.8
	MIN	-18	-16	-8	-2	8	-2	0	2	11	10	7	17	20	10	20	-2	12	-8	-8	-2	-18	-18	-16	5	15	2	20	24				2.3
WISHEK	MAX	10	0	4	13	20	15	32	10	28		30	38	36	32	35	30	22	36	15	10	11	4	-1		36	40	33	45				22.5
	MIN	-16	-15	-10	-6	-10	-9	-8	-8	7		-3	15	15	11	14	6	5	-2	-4	-4	-11	-19	-12		8	-2	-1	26				-1.3

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL	.5		T				.7								T				.5	2.0		.6	.6					T			
	SN ON GND	5	5	5	5	5	5	6	6	5	4	4	3	3	2	2	2	2	2	2	4	4	5	5	3	3	2		T			
AMENIA	SNOWFALL																T	T			3.0		T	T								
	SN ON GND	4	4	4	4	4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	4	4	4	4	4	3	2	T	T			
ASHLEY	SNOWFALL		.5																	T	4.5	T	T	T					T			
	SN ON GND	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1			T	5	5	5	5	4	4	4	2	1			
BEACH	SNOWFALL	.5	.4		.5			1.0									T			.5	1.0	.5		.4								
	SN ON GND	5	6	6	6	6	6	6	6	6	5	4	2	T						1	1	1	1	1	1	T						
BELCOURT INDIAN RES	SNOWFALL	T			T					.5								.5			.8	T		T				.2				
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	1	1			
BEULAH	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BISMARCK WB AP	SNOWFALL	T	.1	T	T		.1	T		T	T	T				T				.3	3.5		.4	T					T			
	SN ON GND	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	4	3	3	3	2	2	1	T			
	WTR EQUIV	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3								.2	.3	.3	.3	.2	.2	.2					
BOTTINEAU	SNOWFALL	.1				T				.3							.2	1.0			.2	.3			.1			.1				
	SN ON GND	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	8			
BOWBELLS	SNOWFALL								1.0	T				T	T	T	T	T		T	1.0											
	SN ON GND	2	2	2	1	1	1	1	2	2	2	1	T	T	T	T	T	T	T	T	1	1	1	T	T	T	T	T	T			
BUTTE	SNOWFALL	1.0																			1.0	T										
	SN ON GND	6	6	6	6	6	6	6	6	6	5	5	2	1	1	T	T	T	T	T	1	1	1	1	1	T	T	T	T			
CARSON NO 2	SNOWFALL		T																		2.0											
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	2	1	1	T	T	T	T	T	2	2	2	2	2	T	T	T	T			
CAVALIER	SNOWFALL						T			T	.8					T		1.0			1.3	T		T	T				.5			
	SN ON GND	7	7	7	7	7	7	7	7	7	8	7	6	6	6	6	6	7	7	7	8	8	8	8	8	7	7	6	5			
CENTER	SNOWFALL																			T	1.0		T	T					T			
	SN ON GND	5	5	5	5	5	5	-	-	4	4	4	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	1	1			
CROSBY	SNOWFALL					T				.3										T	1.0								T			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	1	1	T	T	T	T	T	T	T	1	1	1	1	T							
DEVILS LAKE WB CITY	SNOWFALL	.1				T			2.5	.3	T			T	T	T	T	.6	T	T	1.2	T	.1	.2	T	T		T	.1			
	SN ON GND	4	4	4	4	4	4	4	4	7	6	6	6	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	3			
DICKINSON CAA AP	SNOWFALL	T	T	T			.4	.1											T	T	.6	T	.2	T					T			
	SN ON GND	3	3	3	3	3	3	4	4	4	4	4	3	2	1	1	1			T	T	1	1	1	1	T	T					
DUNN CENTER 2 SW	SNOWFALL	.4						.1													.6	T	T	T				T				
	SN ON GND	6	6	6	6	6	6	6	6	6	6	6	5	5	4	3	3	3	3	3	4	4	4	4	4	3	3	1	T			
EDMORE 1 W	SNOWFALL	.7								1.5						.5					1.5											
	SN ON GND	5	5	5	5	5	5	5	5	6	6	5	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	4	3			
FAIRFIELD	SNOWFALL	T		T			T	.5											T	T	T	T										
	SN ON GND	7	7	7	7	7	7	8	8	8	7	7	7	6	5	5	5	5	5	5	5	5	5	5	4	4	2	T	T			
FARGO WB AP	SNOWFALL	.1	T						.3	.3	T	T		T		.1	.4	T	T	T	2.7	T	.4	T				T	.1			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	1	T	T	T	1	1	T	T	T	3	3	3	3	2	1	1	1			
	WTR EQUIV	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2										.2	.2	.2	.2	.2						
FESSENDEN	SNOWFALL	.8								T								T			1.4		T	T								
	SN ON GND	6	6	6	6	6	5	5	5	5	5	4	3	2	2	1	1				1	1	1	1	1							
FORMAN	SNOWFALL	T	T						T												2.6	T	T									
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FORT YATES	SNOWFALL																				-	-	T									
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FULLERTON	SNOWFALL	.8	.2	T								T									3.2	T	.2									
	SN ON GND	3	3	3	3	3	3	3	3	3	3	1	T								4	4	-	-	3	2	-	T	T			
GRAFTON	SNOWFALL									1.0	T	T					2.5				.5	T		4.0					.2			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GRAND FORKS CAA AP	SNOWFALL	T				T	T		1.5	1.6	.3	T				T	T	.1	T	T	1.1	T	T	T	1.0			T	T			
	SN ON GND	6	5	5	5	4	3	3	3	6	6	6	5	4	4	4	3	3	4	4	4	5	5	5	5	5	4	4	3			
GRAND RAPIDS 1 N	SNOWFALL		.5						T								T				4.0		T					T				
	SN ON GND	3	4	4	4	4	3	3	3	3	3	2	1	1	1	1	1	1	1	1	5	5	5	4	2	2	2	1				
GRANVILLE	SNOWFALL									1.0								T			1.0		T	T	T							
	SN ON GND	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	1	1			
HANSBORO	SNOWFALL									1.0	.1					T	T	.4	T		.9	T		.2	T			T	T			
	SN ON GND	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	2	1			
HETTINGER	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	2	2	2	2	2	2	2	2	1	1	1	T	T	T	T				1	2	2	3	3	T	T	T					
JAMESTOWN CAA AP	SNOWFALL	T	.1							T				T		T	T	T		.6	5.0		.2	T					T			
	SN ON GND	5	5	5	5	5	3	3	3	2	2	2	2	2	1	1	1	1	1	T	1	4	4	4	4	3	2	1	1			
KENSAL WILDLIFE REFUGE	SNOWFALL	T								.5						T	T	T	T		2.0	T	T					T	T			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	3	3	3	3	3	2	2	1	T			
LANGDON EXP FARM	SNOWFALL									.5						.5	.1	.5	T		1.0	.3		.3					.5			
	SN ON GND	7	7	7	7	7	7	7	7	7	7	6	5	5	5	6	6	6	6	6	7	7	7	8	8	8	8	6	5			
MAX	SNOWFALL	.3								.3											.5	.3			.3							
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	1			
MAYVILLE	SNOWFALL	.1								1.5	T					T		T	T		2.0	.4	T	.3	T			T	T			
	SN ON GND	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	4	4	4	4	4	3	3	3	2			
MC CLUSKY	SNOWFALL																				1.0	.2										
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1			
MC HENRY 5 N	SNOWFALL	T								1.0						T	T	T			1.0	.1	T	.1					T			
	SN ON GND	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	5	3			
MINOT CAA AP	SNOWFALL	T	T						1.8	T	T			T		T	T	T	T	T	.8		T	T	T				T			
	SN ON GND	3	3	3	3	3	3	3	3	4	4	4	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	T			

See reference notes following Station Index.

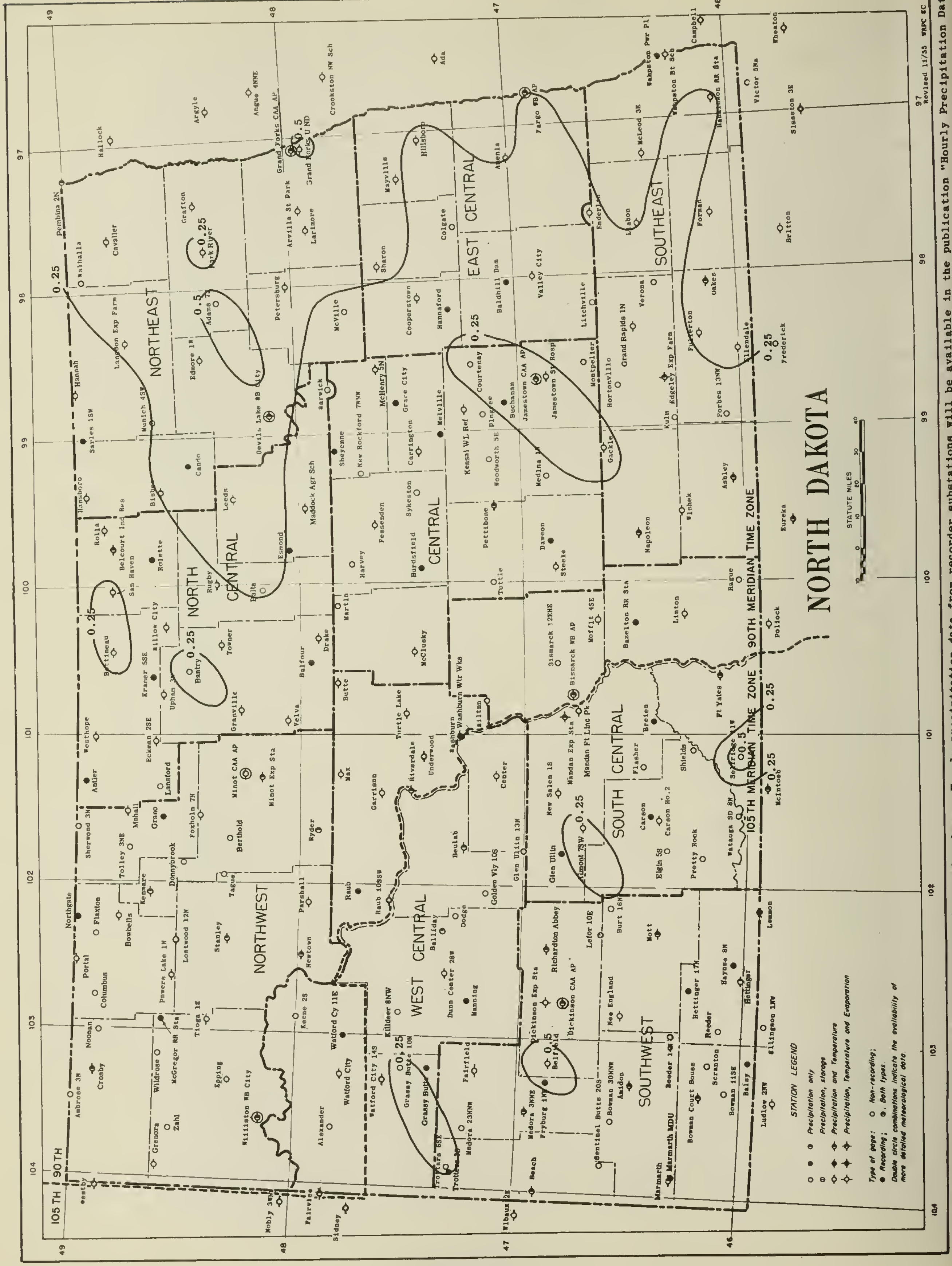
SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL			T						1.0				T		T		T			1.0											
	SN ON GND	1	1	1	1	1	1	1	1	2	2	T	T	T	T	T	T	T	T	T	1	1	1	1	1	T						
MOTT	SNOWFALL	T	.5					T												T	1.0		T	.7								
	SN ON GND	2	3	3	3	3	3	3	3	2	2	1	1								1	1	1	2								
MUNICH 4 SW	SNOWFALL		T							.5	T				T			.5			1.0					T		.5	.5			
	SN ON GND	4	4	4	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2			
NAPOLEON	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
	SN ON GND	5	5	5	5	5	5	5	5	5	5	5	4	4	4	3	3	2	2	2	4	4	4	4	4	4	4	2	2			
PARSHALL	SNOWFALL	T							T	.3	T	T				T	T	T		T	.5	T		T					T			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2						T	1	1	1	1								
PETERSBURG	SNOWFALL	.1								2.5	T					.4	T	.1			.9					T		T	.1			
	SN ON GND	4	4	4	4	4	4	4	4	7	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	6	6	5	4			
PETTIBONE	SNOWFALL																.5				2.0											
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	–	–	–	–	–	–	2	2			
RIVERDALE	SNOWFALL	T			T					T	T						T	T			.2	T	T	T	T			T				
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T			
SHARON	SNOWFALL	.5								2.0							1.0	T			2.0		T	T	T				T			
	SN ON GND	4	4	4	4	4	4	4	4	6	6	5	4	4	4	3	4	4	4	4	6	6	6	6	5	4	4	3	2			
STANLEY	SNOWFALL	T							T	.8		T				T				T	1.0											
	SN ON GND	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	T	T			
WAHPETON STATE SCHOOL	SNOWFALL		.5						T	T	T					T	.5	T			2.0	2.5	.2	T				T				
	SN ON GND	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	4	5	5	5	3	2	2	1				
WILLISTON WB CITY	SNOWFALL	T	T	T		T	.5		.1		T					T			T	.8	.6	T	T	.1								
	SN ON GND	5	5	5	5	5	5	5	5	5	4	4	3	2	2	1	1	1	1	1	2	2	2	2	2	1	1	T	T			
	WTR EQUIV	.6	.6	.6	.6	.6	.6	.7	.7	.7	.6	.6	.4	.3	.3						.3	.3	.3	.3	.3							
WILLOW CITY	SNOWFALL									1.5								T			.5			T								
	SN ON GND	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1			

See reference notes following Station Index.

TOTAL PRECIPITATION

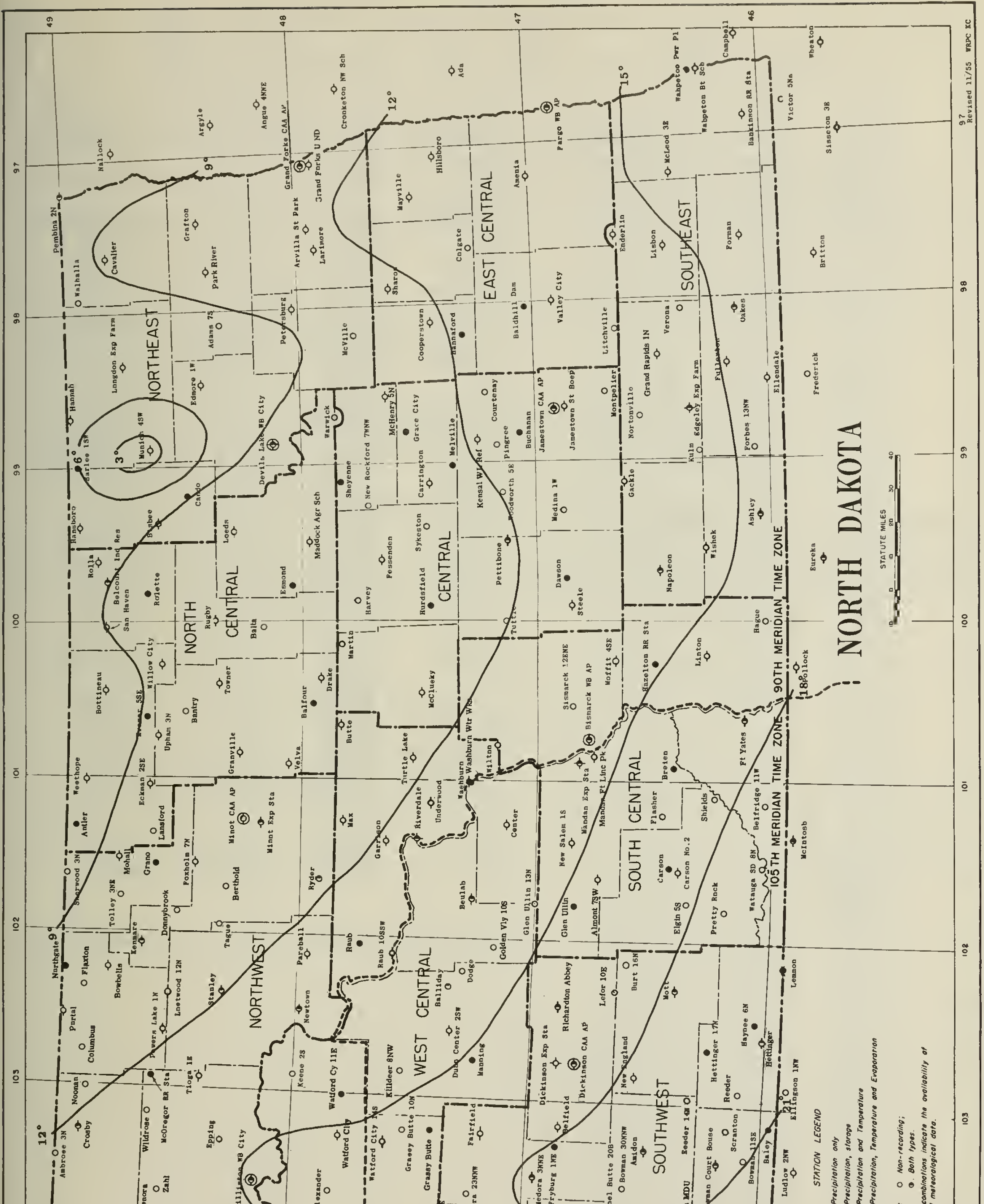
FEBRUARY 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

FEBRUARY 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 6	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Sata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		8P	James Nner	3
Almont 7 6W	0136	Morton	4	46 43	101 38	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0186	Cass	11	47 00	97 13	960	86	6S	Virgil L. Geheke	2 3 6 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Otis A. Qual	2 3 5 7 C
Antler	0283	Bottineau	12	48 58	101 20	1540		MID	W. E. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 58	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	89 22	2001	6S	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Mellnr	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0518	McHenry	12	48 30	100 38	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0826	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0839	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0728	Ward	12	48 19	101 44	2080		6P	Joseph S. Coa	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0786	Towner	2	48 37	89 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0818	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1708		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1840	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felia L. Adams	2 3 5 7
Bowman Court House	0985	Bowman	3	48 11	103 23	2980	5P	5P	O. B. Book	2 3 6 C
Bowman 9 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	6	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1218	Hettinger	1	46 38	102 08	2344		6P	Jacob Gruehele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	89 12	1481		MID	Harry S. Barrie	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. D. Drummond	2 3 5 7
Cavalier	1435	Pembina	8	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	98 45	1730		MID	Ralph W. Wisn	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2385	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John R. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	88 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 8	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2805	Dickey	5	46 00	98 31	1460	8P	8P	Paul Grnse	2 3 5
Enderlin	2895	Ransom	11	48 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2775		MID	David D. Brennan	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3378	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert R. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3698	McKenzie	7	47 24	103 14	2660		MID	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edmel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	6P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3848	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3928	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John R. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1878		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	6P	6P	Fred O. Fortbun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 6	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. 6ckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroebl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louie Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	89 26	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 10 6	5086	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	6	46 16	100 14	1685	8P	6P	Leonard P. Maionn	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	88 11	1467		6P	Melvin Rörvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	89 30	1604	6P	8P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 5
Manning	5518	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	48 18	103 55	2710		MID	E. B. Jeetnee	C
Martin	5810	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Keseler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. B. Schafer	2 3 5 7
Mayville	5660	Traill	10	47 30	97 18	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 28	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. B. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blaeky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	86 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	88 18	1785		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmnier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 C
Moffit 4 86	6015	Burleigh	8	48 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 48	101 31	1638	6P	6P	W. S. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	88 35	1379		6P	Rolf Hanson	3
Mott	8155	Hettinger	1	46 23	102 20	2420	58	66	Forrest E. Coffing	2 3 6 7 C
Munich 4 SW	6195	Cavalier	2	48 38	96 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	48 30	88 48	1956	6P	6P	Warren Wentz	2 3 6 7 C
New England	6315	Hettinger	1	46 33	102 62	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 18	1650		6P	Richard Steinbach	3
New Salem 1 8	6365	Morton	4	46 50	101 25	2163	8P	6P	William F. Gaebe	2 3 5
Newtown	8383	Mountrail	8	47 59	102 29	1805	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1860		6P	George Kowtek	3
Northgate	6535	Burke	12	49 00	102 18	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	48 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 6
Parshall	6867	Mountrail	8	47 57	102 08	1928	6P	6P	C. E. Bhuhert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	87 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	88 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	48 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 6
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	48 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1858	6P	6P	Lyle P. Roltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	48 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7864	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5
Sarles 1 SW	7844	Towner	8	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7852	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 8	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin R. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	S. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1834		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felia A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Sorlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Hellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Snvertsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
•	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
O	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitaiion Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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nformation concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation istory" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. imilar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 5 cents.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

MARCH 1957
Volume LXVI No. 3

ASHEVILLE: 1957

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WEATHER SUMMARY

March was very mild and dry. The weather was favorable for outside work. By the end of the month, a few farmers in the southern counties had begun disking and planting spring wheat.

Temperatures averaged near seasonal during the first part of March. Most stations registered their lowest temperatures on the 2d, 5th, 7th, 9th, or 15th. Monthly minimums ranged from a few degrees above zero to a few degrees below zero west and south but were generally several degrees below zero over the northeast. The coldest temperature for the State, 21° below zero, occurred at Belcourt Indian Reservation on the 9th. Most stations registered subzero temperatures on only a few mornings. The 10th and 11th were unusually mild; also, the 20th and 21st over the west and the 20th to 27th over the east. All stations registered their highest temperatures for the month during the three-day period, 20th to 22d. In general, monthly maximums ranged from the middle 50's over the northeast to the upper 60's over the southwestern fourth of the State. The highest temperature for the State, 75°, occurred at Marmarth on the 21st. Monthly mean temperatures ranged from 18.0° at Munich 4 SW to 33.1° at Marmarth. The monthly mean temperatures were above the long-term means at all stations. The temperature departures at most stations were between +2.0° and +4.0°.

Light rains and snow flurries, generally of little consequence, fell on many days during March. Monthly precipitation totals exceeded one-half inch at a few west central stations. Many south central, north central, and east central stations received less than one-tenth inch. The greatest monthly total, 1.18 inches, fell at Medora 23 NNW. Several stations received only light sprinkles, drizzle, or snow flurries. Precipitation at many stations was less than one-third of their long-term means and exceeded the long-term means only at Harvey and Trotters 6 SE. Snowfall ranged from light flurries at numerous stations to 17.0 inches at Beach. In general, the heaviest snowfall occurred over the west central counties. Most stations in that area received more than five inches of snow during March. Elsewhere over the State, most stations received less than two inches.

Strong winds caused soil blowing on several days with some damage to fall-seeded grain. The precipitation received was beneficial but not sufficient to relieve the dry situation over most of the southern half of the State. Most vegetation was dormant. Warm weather and generous rains were needed to bring on spring pasture and range feed. Field work got under way in some southern counties by the end of March. A few fields of spring small grain were seeded. The topsoil moisture was adequate for germinating the seed in most of the State except the southwest. Subsoil moisture was short over the southern counties but ranged from adequate to plentiful over the north and northeast. Hay and roughage supplies were in short supply in some parts of the southwest. There were surpluses of hay and roughage in the central counties. Elsewhere, supplies were adequate. Livestock came through the winter in fair to good condition.

There were no very severe storms in North Dakota during March. However, highways and streets were slippery in some localities on a few days because of snow or freezing rain.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	14	12.3	40	NW	8	78	81	59	57	9	5	1	0	0	0	15	63	6.3
DEVILS LAKE WB CITY	–	–	8.9	26	W	28	–	82	64	67	9	6	2	0	0	0	17	69	6.6
FARGO WB AIRPORT	N	15	15.5	50	NW	15	81	82	61	64	9	3	0	0	0	0	12	73	6.6
WILLISTON WB CITY	–	–	8.2	34	W	10	–	77	57	55	6	8	1	0	0	0	15	64	6.1

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		37.2	14.9	26.1		60	21	- 1	9	1199	0	13	30	2	.20		.11	30	1.0	1	8+	1	0	0
CROSBY		37.0	16.5	26.8	5.3	61	21	2	5+	1179	0	14	31	0	.31	- .31	.12	30	2.8	2	11+	2	0	0
FOXHOLM 7 N		39.2M	14.8	27.0M	4.4	63	21	- 3	2+	1167	0	13	30	2	.05	- .72	.04	8	1.0	T	9	0	0	0
GRENORA		39.3M	17.8M	28.6M		63	20			1122	0	8	30	0	.47		.39	22	2.7	2	22	1	0	0
KENMARE	AM	34.7	14.4	24.6		60	22	0	5	1247	0	15	30	1	.12	- .71	.05	31				0	0	0
LOSTWOOD 12 N		37.0M	13.9M	25.5M		59	21+	- 3	9	1218	0	13	31	3	.11		.02	8+	1.4	T	1+	0	0	0
MINOT CAA AP		36.0	16.5	26.3		62	21	1	2	1194	0	16	31	0	.11		.07	8	.9	1	8+	0	0	0
MINOT EXP STATION	AM	34.2	15.7	25.0		62	22	0	2	1233	0	17	31	1	.08		.03	8	1.4	T	8+	0	0	0
MOHALL		36.9	15.5	26.2	5.0	60	21	- 3	9	1197	0	15	31	2	.16	- .73	.14	8	2.0	2	8+	1	0	0
NEWTOWN		39.8	17.7	28.8	8.2	64	21+	1	7	1119	0	7	30	0	.15	- .42	.08	8	1.0	1	8	0	0	0
PARSHALL		38.6M	16.9M	27.8M		63	21	1	7	1146	0	10	30	0	.11	- .36	.08	8	.8	1	8	0	0	0
PORTAL	AM	32.7M	13.4M	23.1M	3.7			0	9	1301	0	17		1	.36	- .31	.20	8	3.4	2	8+	2	0	0
POWERS LAKE 1 N		35.1M	13.5	24.3M		60	21	- 3	7	1258	0	15	31	5	.05		.03	8	1.5	T	8+	0	0	0
STANLEY		36.7	16.7	26.7		61	21	2	5	1179	0	12	30	Q	.15		.07	8	.8	T	1+	0	0	0
TIOGA 1 E	AM	35.5	13.8	24.7		61	22	0	2	1244	0	14	30	1	.03		.02	27	T			0	0	0
WILLISTON WB CITY	R //	38.5	20.1	29.3	2.8	63	21	6	5+	1098	0	6	29	0	.44	- .31	.19	22	3.2	1	7+	1	0	0
WILLISTON EXP FARM		38.2	15.3	26.8		60	21	- 1	15	1178	0	9	31	1	.23		.07	22				0	0	0
DIVISION				26.3	4.9										.18	- .49			1.6					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		32.5	11.1	21.8		54	21	-21	9	1333	0	19	31	6	.21		.07	8	4.5	2	8+	0	0	0
BOTTINEAU	AM	32.0	13.8	22.9	2.8	55	22	- 7	7	1299	0	17	30	4	.34	- .40	.19	31	3.4	6	1+	1	0	0
DRAKE	AM	35.7	15.4	25.6	3.9	60	22	- 4	5+	1216	0	16	31	4	.18	- .52	.09	8				0	0	0
ECKMAN 2 SE	AM	34.8	12.7	23.8	3.7	59	22	- 4	9	1272	0	16	31	4	.11		.05	30				0	0	0
GRANVILLE		37.8	16.8	27.3	4.1	63	21	-10	2	1162	0	13	31	2	.17	- .50	.10	8	1.5	3	8+	1	0	0
LEEDS		35.7	15.5	25.6		57	21	- 9	9	1216	0	15	31	4	.18		.09	8+	1.5	1	8+	0	0	0
MADDOCK AGR SCHOOL		36.3	16.1	26.2	3.9	55	20	- 7	9	1194	0	15	31	2	.12	- .62	.07	10	.5	1	8	0	0	0
ROLLA		32.5	14.4	23.5		56	21	- 7	2	1282	0	18	31	4	.27		.13	30	3.2	4	1+	2	0	0
RUGBY		36.5	16.6	26.6		57	21	- 5	2	1184	0	15	31	2	.12	- .66	.06	8	1.1	2	8+	0	0	0
SAN HAVEN		33.3	14.4	23.9	4.2	56	21	-11	2	1268	0	18	30	4	.40	- .18	.20	31	4.6	11	8+	2	0	0
TOWNER		37.9M	17.2M	27.6M	5.9	58	21			1156	0	13	29	5	.13	- .83	.05	11+	1.0	2	1+	0	0	0
UPHAM 3 N		37.8	15.8	26.8		57	21	- 7	9	1177	0	12	31	4	.22		.15	8		1	8+	1	0	0
VELVA	AM	36.6	16.0	26.3	2.0	62	22	0	2	1191	0	13	31	1	.09	- .62	.04	8	1.0	1	1+	0	0	0
WESTHOPE		35.1	14.4	24.8	4.4	57	21	- 4	2+	1239	0	15	31	4	.23		.11	27	1.0	1	8	1	0	0
WILLOW CITY		36.3	14.2	25.3	5.5	57	21	-12	9	1225	0	14	31	5	.22	- .48	.15	8	2.5	2	8+	1	0	0
DIVISION				25.2	4.2										.20	- .59			2.2					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		37.2	13.2	25.2		62	20	-15	9	1226	0	12	30	6	.06		.06	8	2.0			0	0	0
BISBEE		33.7M	16.1M	24.9M		55	21			1223	0	16	31		.18		.08	8	.8	4	1+	0	0	0
CAVALIER		35.1	14.5	24.8		57	21+	- 6	2	1240	0	16	30	6	.35		.14	10	2.7	3	1+	2	0	0
DEVILS LAKE WB CITY	R //	33.5	15.5	24.5	1.9	56	20+	- 6	2	1248	0	17	31	3	.43	- .30	.17	30	3.2	4	8	2	0	0
EDMORE 1 W		34.0	13.2	23.6		55	20	-10	2	1279	0	17	31	6	.29		.10	31	2.5	6	10+	1	0	0
GRAFTON		35.6	16.2	25.9	3.0	58	21	- 7	9	1206	0	16	30	4	.21	- .69	.15	8				1	0	0
GRAND FORKS CAA AP	R	35.7	15.0	25.4		59	21	- 7	2	1221	0	14	31	3	.11		.05	8	.5	1	1+	0	0	0
GRAND FORKS UNIVERSITY		35.8M	16.1	26.0M	3.5	58	21	- 8	2	1202	0		30	3	.13	- .78	.06	8+	.9	4	1+	0	0	0
HANNAH		32.5	12.9	22.7		54	20+	-11	2	1305	0	18	31	6	.43	- .34	.15	31	2.7	4	10+	2	0	0
HANSBORO		32.5M	13.6M	23.1M	3.5	57	20	-10	2	1295	0	17	31		.11	- .55	.08	30	1.2	1	1+	0	0	0
LANGDON EXP FARM		33.0	12.9	23.0	3.5	53	21	-13	2	1295	0	18	31	7	.36	- .56	.20	31	2.8	5	1+	2	0	0
LARIMORE		36.6	17.0	26.8	3.8	60	22	- 8	2	1178	0	15	30	6	.06	- .80	.04	8				0	0	0
MC VILLE		35.0	16.0M	25.5M		58	22	- 9	2	1206	0	17	31	5	.15		.15	8	2.0	2	1+	1	0	0
MUNICH 4 SW		29.3	6.7	18.0		50	20+	-17	2	1449	0	20	31	14	.41		.14	31	5.5	2	1+	2	0	0
PARK RIVER		35.5	15.7	25.6	3.8	57	22	- 5	2	1213	0	16	31	3	.16	- .58	.07	8	2.6	2	8+	0	0	0
PEMBINA 2 N		33.5M	12.5	23.0M		57	22+	-10	2	1290	0	17	31	9	.33	- .39	.14	10				2	0	0
PETERSBURG		33.6	15.3	24.5		55	20+	- 8	2	1249	0	16	31	5	.12	- .57	.05	31	.9	4	1+	0	0	0
DIVISION				24.3	3.5										.23	- .57			2.2					
WEST CENTRAL DIVISION																								
BEULAH	AM	38.2	14.6	26.4		69	22	- 6	16+	1190	0	10	31	3	.45		.20	13	10.0	8	13	2	0	0
BUTTE	AM	M	M	M		61	22				0		30		.02		.01	5+	2.0	1	5+	0	0	0
CENTER		39.7	14.4	27.1		68	21	- 5	16	1169	0	7	31	3	.53		.25	30	4.0	3	13+	2	0	0
DUNN CENTER 2 SW	AM	36.7M	16.3	26.5M	2.4	66	22	- 4	15+	1181	0	12	30	4	.50	- .15	.34	13	7.5	6	14+	1	0	0
GARRISON	AM	35.8	16.0	25.9	2.2	64	22	3	15+	1206	0	14	31	0	.41	- .34	.17	31				3	0	0
MAX	AM	34.8	14.6	24.7	3.4	61	22	2	2+	1242	0	14	31	0	.40	- .33	.19	8	1.8	2	8+	1	0	0
RAUB 10 SSW		37.7M	16.9M	27.3M		66	21			1168	0	11	30	0	.31		.18	13		5	13+	2	0	0
RIVERDALE	AM	34.9	15.8	25.4		65	22	2	15+	1220	0	17	31	0	.34		.18	13	3.5	3	13+	1	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		37.5	14.8	26.2		63	21	- 2	15	1199	0	12	31	3	.20		.09	30				0	0	0
UNDERWOOD	AM	35.3	14.5	24.9		63	22	- 4	16	1239	0	16	31	2	.67		.25	31	16.5	8	14+	3	0	0
WASHBURN		39.2	17.9M	28.6M	3.0	66	21	0	16	1116	0	10	31	1	.45	- .24	.25	13	4.5	4	13+	2	0	0
WATFORD CITY																								
WATFORD CITY 14 S		41.8	18.1	30.0		66	21+	- 5	15	1078	0	8	30	1	.37		.15	13		3	13+	2	0	0
WILTON		35.8M	15.3M	25.6M		62	21	- 2	15	1223	0	15	30	1	.28		.23	13	4.0			1	0	0
DIVISION				26.6	3.0										.38	- .37			6.0					
CENTRAL DIVISION																								
CARRINGTON	AM	34.9	13.3	24.1	1.9	56	21	- 6	2+	1259	0	15	31	3	.13	- .61	.05	8	1.8	2	14+	0	0	0
FESSENDEN		38.3	16.5	27.4	4.5	59	20	- 4	2	1159	0	9	31	1	.14	- .64	.08	13	2.0	1	8+	0	0	0
JAMESTOWN CAA AP	R //	38.2	15.7	27.0		60	20+	- 3	2+	1171	0	11	31	2	.08		.04	8	.5	1	8+	0	0	0
JAMESTOWN STATE HOSP		38.5M	17.3	27.9M	3.0	58	20+	- 3	2+	1130	0	12	29	2	T	- .88	T	8+	T			0	0	0
KENSAL WILDLIFE REFUGE		39.7	15.9	27.8		61	20	- 6	9	1147	0	7	31	2	.12		.10	8	1.5	1	8+	1	0	0
MC CLUSKY		36.7	14.6M	25.7M	2.3	60	21	- 2	5+	1200	0	14	31	4	.30	- .54	.16	13	2.6	2	13+	1	0	0
MC HENRY 5 N		35.5	15.0	25.3		57	20+	-10	2	1223	0	16	31	5	.09		.03	8	.4	3	1+	0	0	0
PETTIBONE		36.9	15.5	26.2	3.5	57	21	- 4	2	1196	0	15	31	3	.10	- .69	.05	8+				0	0	0
STEELE		40.0	15.1	27.6	3.8	64	21	- 1	2	1152	0	8	31	2	.04	- .56	.03	8	1.1	1	8	0	0	0
DIVISION				26.6	3.6										.11	- .67			1.2					
EAST CENTRAL DIVISION																								
AMENIA		38.7	16.5	27.6		61	21	- 4	2+	1151	0	12	31	2	.10		.08	8	1.0	1	8	0	0	0
COOPERSTOWN		36.4M	15.6M	26.0M		59	21	- 9	2	1202	0	15	30	5	.07	- .71	.07	8	.8	5	1+	0	0	0
FARGO WB AP	R //	37.5	17.4	27.5	2.2	60	21	- 3	2	1159	0	14	30	2	.08	- .81	.04	8	.7	T	1+	0	0	0
HILLSBORO		37.2	17.0	27.1	3.0	59	21	- 5	2	1166	0	13	30	2	.05	- .78	.05	8	.5			0	0	0
MAYVILLE		36.0	16.7	26.4	1.9	60	21	- 7	9	1189	0	15	30	2	.08	- .60	.07	8	1.0	3	8	0	0	0
SHARON		35.0	15.9	25.5	3.1	57	21	- 7	2	1219	0	15	30	4	.08	- .80	.08	8	1.0	3	8+	0	0	0
VALLEY CITY		39.7M	16.6M	28.2M	2.2	60	21+	- 5	9	1131	0	12	28	2	.12	- .63	.11	8	1.1			1	0	0
DIVISION				26.9	2.8										.08	- .70			.9					
SOUTHWEST DIVISION																								
AMIDON	AM	38.7M	18.5M	28.6M		68	22			1118	0	7	31	3	.24		.09	23				0	0	0
BEACH	AM	38.4	16.5	27.5		65	22	-10	15	1155	0	7	30	6	.99		.45	13	17.0	10	13	3	0	0
BELFIELD		39.9	17.9	28.9		68	21	- 3	7+	1112	0	8	31	2	.44		.31	13		5	13+	1	0	0
BOWMAN COURT HOUSE		42.5M	18.7M	30.6M	4.1	69	21			1053	0	4	31	2	.16		.05	5+				0	0	0
DICKINSON CAA AP	R //	38.8	17.5	28.2		68	21	- 2	7	1137	0	8	30	2	.27		.14	13	3.4	2	14+	1	0	0
DICKINSON EXP STATION	AM	39.3	17.2	28.3	4.4	70	22	- 3	15	1134	0	8	29	2	.32	- .44	.15	13		3	13+	1	0	0
FAIRFIELD		37.0	15.5M	26.3M		66	21	- 3	7+	1196	0	11	30	4	.72		.26	22	7.8	5	13+	3	0	0
HETTINGER		39.7	19.4	29.6	2.6	67	21	- 2	7	1090	0	7	31	1	.33	- .39	.08	8+		1	5+	0	0	0
MARMARTH		44.9M	21.3M	33.1M	5.1	75	21	- 4	7	951	0		30	2	.40	- .40	.13	22	14.1			1	0	0
MEDORA 3 NNE		43.1	18.4	30.8		70	21	-12	15	1053	0	5	29	3	.73		.37	13	9.0	6	13+	2	0	0
MOTT		41.6	16.8	29.2	2.6	70	21	- 4	7	1103	0	5	31	1	.10	- .69	.05	8	1.0	T	5+	0	0	0
NEW ENGLAND		40.6	18.9M	29.8M	2.8	69	21			1078	0	6	30		.18	- .93	.09	13				0	0	0
RICHARDTON ABBEY		38.8	18.6	28.7	3.2	68	21	0	15	1117	0	9	30	1	.30	- .75	.20	13	5.0	4	13+	1	0	0
DIVISION				29.2	3.2										.40	- .45			8.2					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		39.0	18.9	29.0		68	21	5	7	1108	0	8	30	0	.20		.09	13	3.4	2	13+	0	0	0
BISMARCK WB AP	R //	38.7	16.8	27.8	1.1	69	21	2	7	1145	0	8	31	0	.25	- .51	.11	13	3.3	2	13	1	0	0
CARSON NO 2	AM	38.3M	17.6M	28.0M	2.6	68	22	1	7	1142	0	7	31	0	T	- 1.11	T	8+	T	T	1+	0	0	0
FORT YATES	AM	39.7	16.3M	28.0M	0.1	69	22	4	7+	1142	0	9	31	0	.07	- .73	.06	13				0	0	0
LINTON		41.6	17.6	29.6	2.9	65	21	- 2	7	1091	0	4	31	1	.06	- .66	.03	5	.5	1	14+	0	0	0
MANDAN EXP STATION	AM	37.2	17.7	27.5	2.9	69	22	4	7+	1155	0	11	31	0	.22	- .68	.08	31	2.5	2	13+	0	0	0
MANDAN FT LINCOLN PARK		42.6	14.9M	28.8M		69	20	0	9	1122	0	6	31	1	.09		.05	13	1.0	1	13+	0	0	0
MOFFIT 4 SE		40.1	16.5	28.3		67	21	- 3	9	1132	0	6	31	2	T		T	1+	.4	T	4+	0	0	0
NEW SALEM 1 S		37.8	17.5	27.7	2.7	67	21	1	15	1151	0	11	30	0	.19	- .62	.08	13	3.0	2	13+	0	0	0
DIVISION				28.3	2.7										.12	- .71			1.8					
SOUTHEAST DIVISION																								
ASHLEY		38.2	16.4	27.3	2.6	60	20	- 3	9	1163	0	12	31	3	.05	- .72	.02	8+	T	T	5+	0	0	0
EDGELEY EXP FARM	AM	38.6	15.6	27.1	1.7	60	21	0	2+	1167	0	10	30	2	.10	- .66	.08	31	T	1	1+	0	0	0
ELLENDALE		41.2	18.9M	30.1M	3.5	59	20+	1	2	1071	0	6	29	0	.11	- .89	.05	14	.8	T	1+	0	0	0
ENDERLIN	AM	38.6	14.2	26.4		62	22	- 4	2	1187	0	9	31	2	.13		.05	31		1	1+	0	0	0
FORMAN		40.1	18.5	29.3		61	21	- 2	2	1101	0	10	30	1	.11	- .81	.11	14	1.1			1	0	0
FULLERTON		40.6	17.7	29.2	2.5	60	20+	- 1	2	1101	0	9	29	1	.13	- 1.13	.07	30	.6	T	1+	0	0	0
GACKLE		37.2	16.4M	26.8M		57	21	- 3	2	1174	0	12	31	1	.02		.02	30	T	T	14	0	0	0
GRAND RAPIDS 1 N		40.8	17.4M	29.1M		61	20			1104	0	7	29		.16		.07	8+	.5	1	8	0	0	0
HANKINSON R R STATION	AM	38.4	16.2	27.3	1.5	59	22	- 2	2+	1161	0	11	31	2	.28	- .82	.14	14				1	0	0
LISBON		40.7	16.5	28.6	2.4	61	22	- 5	9	1119	0	8	29	2	.23	- .67	.17	8	1.5	2	8+	1	0	0
MC LEOD 3 E		40.3	17.9	29.1	2.8	61	21	- 4	2+	1105	0	9	30	2	.20	- .79	.10	8+	2.5			2	0	0
NAPOLEON		38.6	17.5	28.1	4.1	62	21	- 1	9	1138	0	9	31	1	.08	- .87	.05	30		2	1	0	0	0
OAKES	AM	38.5M	16.9M	27.7M	1.8	58	22	- 1	2	1149	0		30	2	.11	- .82	.06	31		1	1+	0	0	0
WAHPETON STATE SCHOOL		41.0	18.4	29.7	2.8	59	21	- 3	2	1085	0	9	29	2	.59	- .27	.38	14	6.9	6	15	2	0	0
WISHEK	AM	36.7M	13.9M	25.3M	1.8			- 5	9	1226	0	12	31	5	.18	- .53	.07	14	.5			0	0	0
DIVISION				28.1	2.6										.17	- .75			1.3					

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
MARCH 1957

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	.16	T					T		.05	T					.10	.01												T				T
ADAMS 7 S	.23	T			.01				.03		.04					T	T								T			.02	.01			.12
ALEXANDER	.70					.02			.02			.01			.08				.08				.30				.04	.01			.14	
ALMONT 7 SW	.20					.03	T		.08					.09	T										T						T	
AMBROSE 3 N	.30				T				.07			.08											.05								.10	
AMENIA	.10	.01							.08															.01								
AMIDON	.24								T					.08					T				T	.09			.02		.03	.02		
ARVILLA STATE PARK	.06	T				T			.06			T	T																			
ASHLEY	.05					.01			.02						T																.02	
BALTA	.23						T		.13		T	.02	.01											.02	.03						T	.02
BANTRY	.05				T				.05																							
BEACH	.99	T				.05	.03		.05					.45	.03				.03	.01			.14	.12				.05	.03		T	T
BELCOURT INDIAN RES	.21	T			T				.07		T	T		T	T										.02			T	.01		.06	.05
BELFIELD	.44				T	.08	T	T						.31	.02	T		T				T	T	T			.03	T	T		T	
BERTHOLD	.07				T	T	T	T	.05			.01	T	T					T						T			.01			T	
BEULAH	.45					T			.06					.20	.07											T						.12
BISBEE	.18					.01			.08		.02	T		T										T				T			.07	
BISMARCK WB AP R//	.25				T	T	T	.09	.01		T	T		.11	.01								T	T	T		.01	T			.02	
BISMARCK 12 ENE	.06					T								.06										T								
BOTTINEAU	.34				T	T			.09			T	.04		T									T	T	T		.02	T			.19
BOWBELLS	.20				T	T			.09		T	T		T									T	T	T			T			.11	
BOWMAN COURT HOUSE	.16					.05		.02						.01					.03				.05	T			T	T	T			
BOWMAN 9 SE	.05													T									.05									
BOWMAN 30 NNW	.38				T		.15							.18									T			.05						
BURT 16 N	.12								.01					.07														.04	T			
BUTTE	.02					.01			T		T		T	.01	T										T			T			T	
CARRINGTON	.13	T			T	T			.05	T		T	T	.04	.02										T							.02
CARSON NO 2	T								T					T		T															T	T
CAVALIER	.35	.01			.01	T			.04		.14	T	.04			T	T												T	T		.11
CENTER	.53			T	T				.08			T		.20	T										T						.25	
COLGATE	.06								.05																							.01
COLUMBUS	.17								.03			.02											.04								.08	
COOPERSTOWN	.07	T			T		T		.07			T																			T	
COURTENAY	.10	T			T				.10					T														T				T
CROSBY	.31				T	T			.04	T	T	.11		T									.04	T				T			.12	
DEVILS LAKE WB CITY R//	.43	T		T	.02	T	T	.01	.12		.07	.02	.01	T	T										.01			T	T		.17	T
DICKINSON CAA AP R//	.27			T	.02	.04	.01	.01	T		T	T	T	.14	T				T	T			.05	T		T	T	T			T	
DICKINSON EXP STATION	.32	T				.02	.01	T	.01	T				.15	.02	T								.07				.03	.01		T	
DONNYBROOK	.03				T				.03			T		T	T					T					T			T			T	
DRAKE	.18					.02	T		.09	T		T	.02	.02	T									T	T	T					.03	
DUNN CENTER 2 SW	.50	T			T	.01	.01		.02				T	.34	.05	T								.01					T			.06
ECKMAN 2 SE	.11				T				.03				T	T										T	.03			T			.05	
EDGELEY EXP FARM	.10	T			T				.02						T																	.08
EDMORE 1 W	.29				.05				.08		.04														.02							.10
ELGIN 5 S	T				T	T	T	T			T		T	T	T								T	T	T		T	T			T	
ELLENDALE	.11	T	T			T	T	T	T	T					.05									T			T	T	T		.04	.02
ENDERLIN	.13								.04	.04																						.05
EPPING	.42				T	T			.06		.02	.05		.03	T				T				.14	.03			.03	.02			.04	
FAIRFIELD	.72				T	T			T					.23	T								.26	T			.03	.14	T		.06	
FARGO WB AP R//	.08	T				T	T		.04			T	T	T	.03										T			T			.01	T
FESSENDEN	.14								.05		T			.08																	.01	
FLASHER	.02						.01							T	.01																	T
FLAXTON	.25				T	T			.14		T	T	T	T	T	T			T				T	T	T		T	T	T		.11	
FORBES 13 NW	.01	T			T	T									T													T			.01	
FORMAN	.11								T						.11																	
FORT YATES	.07					T	.01							.06		T																
FOXHOLM 7 N	.05				T				.04						T										T			.01				
FULLERTON	.13					T	T		.03						.03													T			.07	
GACKLE	.02														T									T							.02	
GARRISON	.41	T				T	T		.11		T	T	T	.11	T	T					T					.02		T	T			.17
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDEN VALLEY 10 S	.26				T	.01								.20	.05	T															T	T
GRAFTON	.21	T			.03				.15		T	T													T				T			.03
GRAND FORKS CAA AP R	.11	.02	T		T	T	T		.05			T	.01		T	T	T											T	T	T	.03	T
GRAND FORKS UNIVERSITY	.13	T				T	T		.06			T	.01			T													T	T	.06	
GRAND RAPIDS 1 N	.16								.07						T						T		T					T			.07	.02
GRANVILLE	.17				T		T		.10		T	T	T	T										T	T			T			.05	.02
GRASSY BUTTE 10 N	.64					.05				T		.02		.50	T				.02												.05	
GRENORA	.47																						.39	.05			T	.03				
HAGUE	.02					T			T						.01												T				.01	
HALLIDAY	.82					.50			T			T		.25	T																.07	
HANKINSON R R STATION	.28								.07						.14	.07																
HANNAH	.43				.02				.06		.11	.02													.02						.05	.15
HANSBORO	.11	T			T				.03		T	T		T										T				T			.08	
HARVEY	.84				T				.14		.10	.08		.26										.14							.12	
HETTINGER	.33					.03	T		.08					.03					.04				.03	.08				.04				
HILLSBORO	.05	T	T				T		.05			T	T		T	T												T				T
JAMESTOWN CAA AP R//	.08	T	T		T	T	T		.04					T	.01								T		T			T	T		.03	T
JAMESTOWN STATE HOSP	T								T						T																T	
KEENE 2 S	.39				T				.03			T				.04							.10	.04				.08			.10	
KENMARE	.12				T	.01			.03			.01			T													.02	T			.05
KENSAL WILDLIFE REFUGE	.12				T				.10					.02										T							T	
KILLDEER 8 NW	.87													.65									.14								.08	
KULM	.03	T				T									T																.03	
LANGDON EXP FARM	.36				.01				.02		.13	T													T						T	.20
LANSFORD	.31				T				.17		T	T	.02	T	T				T						.02			T	.08			.02
LARIMORE	.06								.04		T																					.02
LEEDS	.18								.09		.09																					
LEFOR 10 E	.09				T	.04	T		.01		T			.03	T								T	T				T			.01	
LINTON	.06				T	.03			T				T	T	.01									T							.02	
LISBON	.23								.17							T																.06
LITCHVILLE	.16								.10																							.06
LOSTWOOD 12 N	.11				.01	T			.02		.01	.02		.02	.01				T				T		T			.01			.01	
MADDOCK AGR SCHOOL	.12				T				.05		.07	T																			T	
MANDAN EXP STATION	.22						T		.07					.07	T										T							.08
MANDAN FT LINCOLN PARK	.09					T			.02		T			.05	.02										T						T	
MARMARTH	.40					.06	T		.05		T			.05	T				.05				.13				T	.06				
MARTIN	.03								T											T				.03								
MAX	.40					T			.19				.06	.04	T										T	.03		T				.08
MAYVILLE	.08	T			T		T		.07			T			T													T				.01
MC CLUSKY	.30				.02				.05					.16											.04						.03	
MC HENRY 5 N	.09	T			T		T		.03		T	T	.01	T											.02			T			.01	.02
MC LEOD 3 E	.20	T							.10						.10																	
MC VILLE	.15	T			T	T			.15			T																			T	
MEDINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDORA 3 NNE	.73				T	.04	T		.04					.37	T			T	T				.23	.02			.03	T				
MEDORA 23 NNW	1.18						T		.15					.68	T				T			T		.19				.04				.12
MINOT CAA AP	.11	T		T	T	T	T	.02	.07		T	T		.01	T			T	T				T	T	T		T	T			.01	
MINOT EXP STATION	.08				T	T			.03	T	T		T	.01	T				T					T	.01	.01		.01				.01
MOFFIT 4 SE	T	T			T	T	T		T		T			T	T									T	T			T			T	
MOHALL	.16				T	T	T		.14			T	T	T	T	T			T					T				T	.02	T	T	T
MONTPELIER	.16	T			T				.06	T				T	.01													T	T		.08	.01
MOTT	.10				T	.02	T		.05					.02	T								T	.01							T	
MUNICH 4 SW	.41	T			.02				.03		.10	.03		.01											.03			T	T		.05	.14
NAPOLEON	.08				T	T			.02						.01																.05	

DAILY PRECIPITATION

Table 3–Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	.18					.04								.09									T	.02			.01	.02			T	
NEW ROCKFORD 7 WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW SALEM 1 S	.19				T	.02	T		.05		T	T		.08	T								T	.03			T	T	T		.01	T
NEWTOWN	.15								.08			T		T									T								.07	
NOONAN	.38								T			.10											T								.28	
NORTONVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OAKES	.11	T					T		.03	T				T	T	.02						T	T		T				T			.06
PARK RIVER	.16				.03			T	.07		.03																					.03
PARSHALL	.11				T	T			.08			T		.01									T	T	T			T			.02	
PEMBINA 2 N	.33	.04									.14																		.02	T		.13
PETERSBURG	.12				T				.04			T	.03															T				.05
PETTIBONE	.10								.05					.05																	T	
PINGREE	.14				T				.11			T		.03																	T	
PORTAL	.36				T		T		.20		T	T	T	T									T	T				.01	.01		T	.14
POWERS LAKE 1 N	.05								.03		T	.02	T	T														T		T		
PRETTY ROCK	.02				T		T	T			T			T	T							T		T			T	T		.02	T	
RAUB 10 SSW	.31				T	T						T		.18																	.13	
REEDER	.45						.05		.13					.02									.08	.12			T	.05			T	
REEDER 14 N	.05					T			.03					T										T				.02	T			
RICHARDTON ABBEY	.30				T	.04	T		.04		T	T		.20	T	T			T				T	T			T	.01	T		.01	T
RIVERDALE	.34	T			T	T			.08		T	T	T	.18	.02	T									T	T		T	T			.06
ROLLA	.27	T			T				.12		T	T		T	T										T			T			.13	.02
RUGBY	.12				.01				.06		.01	.01			T									T	T						.01	.02
RYDER	.24								.10			.03		T	.03				T				T	T	.03		T				.05	
SAN HAVEN	.40								.08			T			T										T			T	.10		.02	.20
SCRANTON	.13					T			.09					T	T				T				.04	T		T	T	T		T	T	
SELFRIDGE 11 W	.42						.10		T		T				.10										T						.22	
SENTINEL BUTTE 20 S	.50				.06				.10					.22					T				.12				T		T			
SHARON	.08	T			T				.08																			T				T
SHERWOOD 3 N	.41				T				.25		T	T	T											.01	.02		.01	.03	T		.08	.01
SHIELDS	T					T			T					T																	T	
STANLEY	.15				T				.07		T	.03		.01										T				T			.04	
STEELE	.04				T				.03					.01										T								T
SYKESTON	.09				T							.09																				T
TAGUS	.09								.05			.02		T	T													.02			T	
TIOGA 1 E	.03											T	T	T	T													.02				.01
TOLLEY 4 NE	T				T				T		T	T								T						T		T				
TOWNER	.13											.05																			.05	.03
TROTTERS 6 SE	1.10				T	.07	T	T			.03			.75									.25				T	T	T		T	T
TURTLE LAKE	.20				T	.02		.02			T	.01													.04						.09	.02
TUTTLE	.11				T		T		.05		T			.06									T					T				
UNDERWOOD	.67								.12					.18	.04											.05		.03				.25
UPHAM 3 N	.22				T	T			.15			T		T	T									T	T			T			.05	.02
VALLEY CITY	.12								.11																						.01	
VELVA	.09	T				T			.04			T	T	.03	T					T				T	.01	T		T				.01
VERONA	.12								.05																						.06	.01
WAHPETON STATE SCHOOL	.59	T							.06						.38	.15												T	T			
WALHALLA	.45										.37																				.08	
WARWICK	-								-		T					T									T							
WASHBURN	.45								.03					.25											.02						.10	.05
WATAUGA S DAK 8 N	.10					.04	T		T					T	.02									.04				T			T	
WATFORD CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATFORD CITY 14 S	.37	T			T	T			.01					.15	T				.04				.12				.02	T			.03	
WESTHOPE	.23				T				.07			T												T	T			.11			.05	
WILDROSE	.40								.14			.05											.09					.02			.10	
WILLISTON WB CITY R//	.44			T	.01	T	T	.04			T	.05		.06	T	T			.01				.19				.02	.01			.05	
WILLISTON EXP FARM	.23				.01							.02		.02					.02				.07				.03	.01			.05	
WILLOW CITY	.22				T				.15			.05			T										T			T			.02	
WILTON	.28				T									.23																.03		.02
WISHEK	.18						.03		.03						.07																	.05
WOODWORTH 5 E	T							T																							T	
ZAHL	.37				.01			T	.09		T	.02		.01	T				.01				.15	T			.01	.03			.04	

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	32	34	38	28	20	22	31	34	36	48	40	40	30	21	23	33	33	34	52	62	68	55	34	38	57	55	45	42	45	37	42	39.0
	MIN	20	8	11	19	9	9	5	17	10	21	23	13	17	9	6	7	19	22	27	28	37	30	28	26	24	28	22	21	14	27	30	18.9
AMENIA	MAX	34	13	26	30	25	23	30	33	28	44	45	32	29	27	31	32	35	36	44	56	61	58	52	51	47	46	48	43	44	49	48	38.7
	MIN	12	-4	5	12	6	3	6	21	-4	21	21	17	12	12	13	12	12	16	18	23	23	29	28	30	25	19	23	25	29	19	29	16.5
AMIDON	MAX		37		34	35	19	18	28	25	34	45	43	45	23	19	31	40	35	34	53	63	68	35	38	45	55	50	41	37	45	46	38.7
	MIN	23	19	18	6	4	0	-1		9	16	21	23	16	6	4	14	20	23	22	30	30	31	29	18	27	32	27	19	15	28	26	18.5
ARVILLA STATE PARK	MAX	34	15	24	21	19	21	33	28	27	42	39	28	25	22	27	27	33	33	47	62	60	60	55	48	50	49	47	42	41	48	45	37.2
	MIN	6	-8	-5	12	-9	-2	-4	17	-15	16	24	12	8	9	10	11	6	13	10	25	22	28	27	28	26	15	26	27	26	13	34	13.2
ASHLEY	MAX	31	27	33	31	27	21	30	30	32	42	47	40	31	23	30	35	32	35	44	60	59	52	39	43	39	47	47	42	45	43	46	38.2
	MIN	18	0	6	7	9	7	0	20	-3	25	25	14	18	12	7	7	13	14	13	24	23	30	31	27	25	22	25	21	13	23	32	16.4
BEACH	MAX	39	35	50	33	24	17	18	33	28	37	46	43	45	27	21	27	35	34	34	46	61	65	36	37	45	55	45	45	38	45	47	38.4
	MIN	20	17	19	18	8	-1	-7	-3	11	14	29	20	16	-1	-10	-7	16	22	22	25	33	30	27	21	26	30	28	20	17	23	27	16.5
BELCOURT INDIAN RES	MAX	27	13	26	25	15	20	25	25	22	32	32	27	24	21	24	27	29	32	37	50	54	53	40	37	48	51	46	32	38	36	41	32.5
	MIN	7	-18	8	9	-5	1	-7	18	-21	15	17	6	1	5	8	-1	-3	14	2	22	21	29	28	26	28	23	22	24	17	22	27	11.1
BELFIELD	MAX	39	49	40	28	20	19	27	24	40	47	41	43	32	18	30	36	35	34	52	64	68	50	35	42	57	52	42	40	43	39	51	39.9
	MIN	20	13	18	18	8	7	-3	15	12	27	28	16	14	2	-3	8	18	23	27	25	30	27	20	18	25	30	27	18	14	26	27	17.9
BEULAH	MAX	42	32	35	40	25	18	27	34	29	40	50	34	37	27	22	26	27	29	34	51	61	69	39	33	38	59	55	45	40	44	41	38.2
	MIN	18	6	6	13	9	9	3	3	5	11	22	12	12	9	-2	-6	-6	14	19	24	25	32	28	27	22	25	27	23	15	15	32	14.6
BISBEE	MAX	31	14	27	25	20	22	26	25	24	34	30	27	24	22	24	28	30	33	40	54	55	50	44	40	49	54	44	34	40	40		33.7
	MIN	10	-7	10	10	-2	3		3		18	20	7		8	11	10	10	17	15	26	27	31	30	28	31	23	28	25	20	22		16.1
BISMARCK WB AP	MAX	33	31	39	26	19	26	33	34	38	51	38	37	26	21	27	32	35	34	49	60	69	40	35	36	57	55	47	43	45	40	45	38.7
	MIN	13	8	9	15	9	9	2	10	4	22	19	12	17	11	5	6	17	21	14	23	26	30	29	26	20	26	27	23	18	25	26	16.8
BOTTINEAU	MAX	35	16	18	30	19	15	22	29	24	25	36	23	23	26	23	26	27	31	31	40	49	55	38	33	36	52	53	43	36	40	37	32.0
	MIN	9	2	2	13	-5	-2	-7	8	-6	10	18	3	5	9	6	2	6	18	16	24	33	32	32	27	28	28	30	25	16	24	22	13.8
BOWBELLS	MAX	28	25	35	26	18	24	31	30	30	45	38	28	25	24	29	33	31	33	49	58	60	58	35	41	57	56	41	35	43	43	44	37.2
	MIN	13	2	8	10	1	4	0	10	-1	21	16	3	12	2	4	5	12	22	18	26	31	33	25	23	24	23	28	21	15	25	26	14.9
BOWMAN COURT HOUSE	MAX	34	47	45	32	23	22	34	38		45	43	49	38	22	35	39	36	33	53	63	69	63	35	44	56	53	43	38	45	49	49	42.5
	MIN	20	15	20	19	9	-4		7		24	26	21	17	6	4	13	19	22	19	24	30	29	27	17	23	29	24	15	16	31	21	18.7
BUTTE	MAX	40			35	21	11	24	31			42	27	29	22	25			32	35	42	55	61			42	53	54	45	40			
	MIN	17				-1	2	4	10			4	10	14	9	8			12	14	23	23	36			26	30	29	23	19			
CARRINGTON	MAX	39	23	18	30	24	18	22	30	27	28	42	35	30	26	22	28	30	33	32	42	56	55	54	34	40	49	48	45	38	42	42	34.9
	MIN	15	-6	-6	15	1	1	1	2	-3	3	26	10	11	8	7	7	8	17	13	17	24	24	29	29	25	22	24	25	18	20	25	13.3
CARSON NO 2	MAX	41	33	35	38	24	18	20	33	29	36	50	43	40	23	23	28	37	33	35	53	62	68	39	33		58	55	40	46	42	35	38.3
	MIN	20	7	15	22	8	10	1	9	7	15	28	13	19	10	6	9	17	21	22	28	30	30	29	24		22	26	14	19	16	30	17.6
CAVALIER	MAX	30	12	24	22	15	23	31	28	25	35	34	24	22	22	24	24	30	31	43	55	57	57	52	53	48	47	46	44	39	46	44	35.1
	MIN	2	-6	0	12	-3	0	0	20	-4	17	16	5	2	5	11	13	8	8	12	27	27	31	27	27	29	25	28	30	29	20	33	14.5
CENTER	MAX	33	33	38	34	20	25	32	34	37	49	45	43	40	20	26	29	32	40	48	57	68	54	37	35	57	54	46	39	43	40	42	39.7
	MIN	16	3	7	18	6	10	1	17	0	14	18	9	17	6	-1	-5	6	20	12	21	26	27	26	25	18	25	26	22	14	20	22	14.4
COOPERSTOWN	MAX	35	15	25	24	18	22	30	28	25	39	38	28	27	22	30	30	31	32	43	57	59	58	55	48	48	48	44	44	43	46		36.4
	MIN	14	-9	6	12	0	0	0	21	-5	18	23	13	11	11	11	8	9	18	15	23	26	30	31	30	27	23	26	27	22	27		15.6
CROSBY	MAX	30	30	30	25	15	25	31	31	37	46	42	25	23	23	28	32	31	34	51	60	61	58	34	42	54	50	40	36	42	40	40	37.0
	MIN	13	6	7	12	2	5	2	11	4	26	16	3	12	3	3	6	12	24	25	28	32	32	26	19	28	28	28	23	17	29	29	16.5
DEVILS LAKE WB CITY	MAX	21	14	25	19	13	22	29	27	26	36	31	27	22	20	27	29	31	31	42	56	56	56	41	38	49	49	45	33	40	41	41	33.5
	MIN	-1	-6	10	5	1	4	2	8	-3	19	18	9	9	7	9	9	8	19	20	28	29	32	31	29	30	26	29	26	21	24	29	15.5
DICKINSON CAA AP	MAX	35	45	43	27	19	19	34	33	38	47	40	38	25	20	29	34	32	32	52	62	68	36	34	45	56	51	43	39	44	40	44	38.8
	MIN	19	13	18	14	7	5	-2	10	10	25	22	17	7	2	-1	8	17	22	28	27	33	30	25	21	25	27	23	19	13	30	27	17.5
DICKINSON EXP STATION	MAX	40	35	46	43	27	18	22	32	29	41	48	47	45	27	21	26	33	34	34	53	63	70	37	35	45	45	53	42	40	45	41	39.3
	MIN	20	13	14	20	8	8	-2	2	10	17	27	17	16	3	-3	2	9	19	23	25	33	34	29	22	26	32	27	20	12	24	27	17.2
DRAKE	MAX	39	26	32	34	21	18	26	30	27	32	46	28	28	23	26	31	31	32	35	41	57	60	44	31	35	53	52	45	40	42	42	35.7
	MIN	17	-1	-1	19	-4	-4	1	2	3	6	28	9	9	13	10	9	10	21	19	21	30	30	30	27	26	27	29	25	19	20	28	15.4
DUNN CENTER 2 SW	MAX	38	32	40	39	26	16		32	26	38	45	33	35	26	20	24	24	26	32	46	58	66	36	34	43	55	52	40	37	44	38	36.7
	MIN	20	8	10	18	6	8	4	8	8	18	25	15	16	-2	-4	-4	-1	15	22	27	30	35	27	23	20	30	28	23	17	23	31	16.3
ECKMAN 2 SE	MAX	38	26	19	34	21	18	21	31	22	27	46	25	28	24	27	31	32	32	33	44	56	59	41	31	37	55	53	43	41	43	41	34.8
	MIN	14	-2	-1	6	1	2	1	2	-4	0	12	8	9	13	9	6	9	12	18	20	20	23	28	26	25	25	29	20	19	22	23	12.7
EDGELEY EXP FARM	MAX	41	31	18	31	32	21	24	33	30	33	47	46	38	26	23	31	35	34	37	46	60	58	52	39	49	49	47	51	45	45	46	38.6
	MIN	19	0	0	8	6	6	4	9	1	9	27	15	17	12	10	10	12	14	13	22	20	25	33	31	25	19	25	25	18	20	29	15.6
EDMORE 1 W	MAX	31	11	24	23	16	22	27	28	25	34	30	26	23	25	27	25	29	31	40	55	54	54	52	44	46	48	42	36	43	41	42	34.0
	MIN	7	-10	6	0	-7	-5	-5	14	-8	18	12	6	1	5	8	5	2	14	14	25	28	32	30	27	30	26	29	26	23	23	32	13.2
ELLENDALE	MAX	39	29	36	33	30	24	34	30	34	48	47	41	35	26	32	37	34	38	46	59	59	56	47	50	49	49	48	46	47	46	47	41.2
	MIN	21	1	7	11	10	7	12		5	25	30	18	18	14	12	14	15	17	16	22	29	27	35	32	25	19	23	24	20	25	33	18.9
ENDERLIN	MAX	42	30	17	26	30	23	24	33	33	29	46	47	36	21	21	33	34	37	36	42	52	62	59	44	58	47	46	48	45	47	49	38.6
	MIN	17	-4	1	5	4	3	3	8	0	7	25	8	7	14	13	10	11	14	9	18	23	28	32	31	24	12	22	23	23	20	29	14.2
FAIRFIELD	MAX	32	43	37	26	20	17	27	34	38	46	37	37	26	18	27	23	27	31	45	58	66	52	34	43	54	48	40	37	41	40	42	37.0
	MIN	17	10	16	18	1	0	-3	2	10	17	7	14	14	-1	-3	2	9	20	24	31	33	29	27	19	24	26	26	19		29	28	15.5
FARGO WB AP	MAX	25	13	25	28	19	21	32	32	26	45	46	31	26	21	29	30	35	36	44	57	60	57	53	54	47	48	47	41	42	49	45	37.5
	MIN	1	-3	7	12	5	4	4	7	0	24	24	19	14	13	13	10	12	18	16	27	31	35	31	28	27	22	28	26	28	24	32	17.4
FESSENDEN	MAX	33	20	35	30	20	25	32	29	30	45	35	33	31	25	33	35	33	35	45	59	57	54	40	41	53	50	48	46	46	42	48	38.3
	MIN	17	-4	7	16	1	3	2	22	1	20	21	15	13	10	8	5	11	20	11	18	26	30	32	28	28	30	31	23	18	22	25	16.5
FORMAN	MAX	37	23	31	30	26	24	30	31	31	48	47	40	33	24	31	37	34	36	42	55	61	55	51	52	50	47	49	45	47	50	45	40.1
	MIN	21	-2	7	9	8	5	6	24	2	27	27	18	17	15	13	13	14	16	18	26	24	31	32	32	23	19	26	25	21	21	35	18.5
FORT YATES	MAX	42	35	32	37	30	21	23	35	32	38	52	42	44	31	21	32	39	31	37	44	62	69	43	33	42	56	53	48	44	45	39	39.7
	MIN	21	9	11	12	11	11	4	5	4	19	22	12	14	13	9	7	17	11	12		24	29	31	22	19	24	26	22	15	22	31	16.3
FOXHOLM 7 N	MAX	33	26	37	32	18	25	32	32	30	47	44		25	24	31	32	31	34	48	60	63	61	37	38	59	58	53	37	43	41	44	39.2
	MIN	15	-3	5	11	2	5	3	15	-3	20	10	6	14	8	8	6	10	22	11	29	23	33	27	24	20	25	30	25	17	19	21	14.8
FULLERTON	MAX	36	30	32	32	25	22	34	31	34	47	47	38	32	27	31	39	35	38	45	60	60	58	45	52	50	49	48	44	45	48	45	40.6
	MIN	19	-1	6	11	8	7	5	22	3	22	26	15	17	14	12	11	14	15	14	22	24	26	35	32	25	20	23	25	19	24	33	17.7
GACKLE	MAX	28	21	32	28	23	21	30	31	31	42	39	35	31	22	27	33	35	38	42	48	57	56	46	41	49	51	46	39	42	43	46	37.2
	MIN	16	-3	3	12	5	6	1		1	21	23	13	15	9	8	12	15	13	19	21	30	31	29	31	31	23	26	23	21	15	21	16.4

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	39	30	27	36	28	18	25	30	27	38	47	25	31	25	23	30	33	29	33	45	54	64	37	31	35	56	53	43	40	43	36	35.6
	MIN	17	4	9	16	6	5	5	8	7	20	22	9	14	7	3	3	10	12	19	24	30	31	23	23	23	24	28	24	22	23	25	16.0
GRAFTON	MAX	32	12	23	22	18	23	30	28	23	36	35	28	23	21	24	25	32	32	42	57	58	57	55	52	46	47	45	45	40	47	46	35.6
	MIN	5	-5	2	14	-1	1	0	21	-7	20	23	14	5	8	13	12	9	17	14	26	28	31	29	30	29	24	27	29	30	19	34	16.2
GRAND FORKS CAA AP	MAX	23	15	23	23	18	19	30	27	25	38	41	28	27	20	25	27	33	34	43	57	59	58	57	51	47	47	45	36	40	49	42	35.7
	MIN	-3	-7	3	6	1	2	2	3	-4	20	20	14	8	8	14	11	7	13	15	27	29	31	31	30	28	24	28	29	25	20	30	15.0
GRAND FORKS UNIVERSITY	MAX	29	12	23	24	17	20	29	28	24	38	41		27	20	25	27	33	33	42	55	58	57	53	50	45	47	47	39	40	48	44	35.8
	MIN	2	-8	2	15	0	1	1	20	-4	19	24	16	7	7	13	10	7	15	15	26	28	31	30	29	27	25	28	29	28	21	35	16.1
GRAND RAPIDS 1 N	MAX	38	24	32	32	25	24	34	31	37	47	38	37	33	28	33	36	35	39	41	61	60	58	51	52	50	51	49	48	47	48	45	40.6
	MIN	18	-3	6	9	6	4	0	20		28	25	14	16	14	11	8	11	14	13	28	24	29	34	32	25	15	23	25	17	23	33	17.4
GRANVILLE	MAX	29	24	38	38	18	28	32	30	30	48	37	29	26	28	32	34	31	31	44	59	63	49	39	36	50	56	46	39	39	43	46	37.6
	MIN	17	-10	10	13	1	4	4	18	0	19	19	10	13	12	10	9	14	23	18	27	29	29	30	27	24	25	30	25	18	25	29	16.6
GRENORA	MAX	36	38	31	28	20	24	34	32	39	45	38	35	30	32	28	33	36	38	53	63	62	57	39	42		59	40	40	38	44	44	39.2
	MIN	16		9	13	3	11	4	18		28	16	7		3	7	12	16	24	26	26	27	33	22	12	28	26	27	21	22	15	26	17.8
HANKINSON R R STATION	MAX	43	30	13	29	31	21	24	32	34	27	50	48	35	28	20	33	32	35	37	41	56	59	55	50	50	43	45	49	46	47	48	38.4
	MIN	21	-2	-2	6	8	5	6	7	1	1	23	20	20	15	12	10	13	15	20	21	25	29	30	30	23	21	23	27	28	22	23	16.2
HANNAH	MAX	27	12	24	22	12	19	26	25	23	29	29	22	20	19	25	27	28	32	39	54	54	53	47	39	46	49	44	37	41	44	41	32.5
	MIN	4	-11	3	2	-10	-1	-6	11	-7	15	18	8	-1	1	5	3	1	12	14	26	30	32	28	26	32	28	30	28	23	28	27	12.9
HANSBORO	MAX	25	13		15	14	21	28	26	23	34	28	24	23	21	26	27	29	33	41	57		56	41	37	49	52	43	32	42	40	43	32.5
	MIN	7	-10		7	-4	1	2	15	-6	16	18	7	2	5	6	7	4	16	14	27		28	28	27	31	26	27	25	20	20	28	13.6
HETTINGER	MAX	35	45	43	29	19	17	26	34	42	47	43	47	30	24	34	34	35	32	54	63	67	39	37	34	56	52	43	39	45	39	47	39.7
	MIN	21	15	15	18	11	8	-2	17	11	24	24	21	19	9	5	13	19	23	28	27	32	32	29	27	24	24	22	11	14	32	28	19.4
HILLSBORO	MAX	33	15	23	27	22	22	29	30	25	40	44	29	28	27	27	30	34	34	41	57	59	57	54	52	45	46	47	39	42	49	46	37.2
	MIN	10	-5	5	11	5	3	3	21	-3	19	25	18	11	11	15	12	10	17	17	25	26	29	31	29	25	19	26	28	29	20	36	17.0
JAMESTOWN CAA AP	MAX	28	19	31	30	20	23	33	30	31	44	40	36	26	22	31	34	34	39	46	60	59	60	40	47	50	49	46	41	45	44	45	38.2
	MIN	7	-3	7	11	5	6	3	8	-3	19	19	14	15	11	11	8	11	17	15	22	25	31	31	31	27	20	25	26	20	23	24	15.7
JAMESTOWN STATE HOSP	MAX	31		32	32	22	29	33	29	30	42	39	34	32	23	30	31	33	36	46	58	57	58	43	44	50	47	45	41	42	43	44	38.5
	MIN	18	-3	7	12	6	6	4	23	-3	20	23	14	15	12	11	9	12	17	14	24	24	32	33	31	27	21	26	27	19	23	33	17.3
KENMARE	MAX	37	27	30	36	20	7	25	31	25	30	45	20	28	23	25	30	34	31	33	48	58	60	37	30	40	56	53	41	36	43	37	34.7
	MIN	15	3	2	12	0	2	5	5	2	12	18	6	6	4	4	6	7	20	20	23	28	34	26	24	25	25	25	24	18	19	27	14.4
KENSAL WILDLIFE REFUGE	MAX	34	21	34	28	24	26	33	30	30	45	44	34	33	23	33	34	36	36	46	61	58	56	54	46	50	50	49	47	46	45	46	39.7
	MIN	17	-5	8	12	2	2	2	22	-6	20	24	13	14	11	9	7	10	20	11	24	22	30	32	20	27	26	24	27	20	18	29	15.9
LANGDON EXP FARM	MAX	28	11	21	19	16	22	27	32	22	30	26	24	24	23	27	27	29	30	41	52	53	52	50	44	45	46	43	36	41	40	41	33.0
	MIN	3	-13	2	10	-8	-6	-5	17	-6	16	19	9	-1	2	5	3	0	9	14	25	32	31	29	25	30	27	29	27	21	22	31	12.9
LARIMORE	MAX	31	19	24	32	20	22	30	29	24	38	38	34	25	20	27	28	32	32	43	58	58	60	55	48	46	46	46	42	40	43	45	36.6
	MIN	17	-8	0	15	-2	0	0	19	-5	21	26	12	8	10	16	10	8	17	15	26	27	31	32	30	31	24	28	28	26	30	35	17.0
LEEDS	MAX	31	19	30	25	16	23	28	29	26	38	38	26	24	23	28	30	32	35	40	55	57	53	45	41	50	50	45	43	44	39	44	35.7
	MIN	11	-7	8	12	-1	1	0	18	-9	17	20	8	8	9	7	6	8	17	17	27	28	30	32	29	30	26	29	27	19	22	30	15.5
LINTON	MAX	37	33	37	37	27	24	34	34	38	51	46	42	37	24	32	38	38	37	46	62	65	52	42	42	55	52	50	43	46	41	47	41.6
	MIN	20	9	10	16	10	10	-2	24	2	28	21	13	14	14	8	8	18	12	11	20	25	30	30	29	25	26	26	20	13	26	29	17.6
LISBON	MAX	39	37	27	29	28	22	30	31	31	45	45	37	35	23	34	34	36	36	44	56	60	61	56	51	53	46	47	47	47	48	48	40.7
	MIN	19	-4	6	10	6	2	4	21	-5	22	25	17	14	13	12	10	11	15	14	25	21	29	33	32	22	14	24	24	24	18	35	16.5
LOSTWOOD 12 N	MAX	30	28	34	32	16	22	34	29	29	44	44	27	25	25	26	31	31	33	47	58	59	59	34	40	57	54	42	35	45	39		37.0
	MIN	12	1	4	10	-1	3	0	10	-3	25	15	3	12	2	5	2	10	22	16	25	31	31	24	21	23	26	28	21	13	26		13.9
MADDOCK AGR SCHOOL	MAX	30	18	31	29	19	24	31	28	28	40	40	36	26	25	30	30	32	32	34	55	54	51	44	42	51	51	45	40	45	40	45	36.3
	MIN	15	-6	5	15	2	7	1	19	-7	17	20	10	12	10	8	5	9	19	15	25	27	30	31	30	29	25	28	25	20	22	31	16.1
MANDAN EXP STATION	MAX	41	31	30	37	25	17	24	34	29	37	50	38	36	21	20	21	31	34	34	48	59	69	39	32	36	56	54	47	41	44	39	37.2
	MIN	18	6	9	19	9	9	4	11	4	20	29	12	20	12	6	5	14	20	15	23	27	29	30	28	20	25	29	24	17	24	32	17.7
MANDAN FT LINCOLN PARK	MAX	34	32	38	36	26	27	34	31	37	52	45	39	35	22	28	34	35	39	60	69	68	62	39	38	59	57	53	43	54	45	49	42.6
	MIN	12	4	5	14	6	6	3	20	0	18	22	10	18	9	4	3	14	11	22	23	24	21	26	24	19	21	23	22		22	21	14.5
MARMARTH	MAX	37	53	49	29	26	19			39	46	47		26	29	37	40	38	36	55	68	75	65	42	49	58	53	44	44	47	54	53	44.5
	MIN	24	16	25	24	14	-1	-4			25	25	22	20		7	19	23	25	22	27	30	32	29	18	24	28	28	20	15	33	26	21.3
MAX	MAX	38	27	25	34	20	17	23	30	27	34	46	24	30	23	24	30	34	30	35	43	54	61	37	30	34	57	53	43	33	45	39	34.6
	MIN	16	2	3	8	2	3	4	5	2	9	21	7	9	7	4	6	12	16	17	22	30	31	27	24	22	27	27	22	16	22	30	14.6
MAYVILLE	MAX	31	11	24	22	20	19	29	27	24	40	41	27	26	23	28	30	34	31	44	57	60	58	53	49	47	44	43	39	41	49	45	36.0
	MIN	9	-5	7	15	3	2	2	21	-7	19	27	16	12	12	14	10	10	16	15	25	27	30	26	30	26	20	25	30	27	20	34	16.7
MC CLUSKY	MAX	32	21	34	29	17	24	31	29	32	46	38	31	27	24	31	32	30	35	42	56	60	53	35	33	52	51	48	38	44	39	45	36.7
	MIN		0	6	16	-2	3	-2		1	17		10	14	9	4	-1	10	16	13	23	28	30	27	24	24	26	26	23	17	24	24	14.6
MC HENRY 5 N	MAX	30	13	25	23	20	23	31	29	24	39	37	28	24	21	31	29	31	32	45	57	57	56	50	43	48	47	46	40	41	41	40	35.5
	MIN	12	-10	6	14	-3	-2	-1	20	-8	17	22	11	10	9	9	8	8	17	17	24	25	31	30	28	26	23	25	26	19	22	31	15.0
MC LEOD 3 E	MAX	38	21	29	31	28	25	30	35	28	43	45	37	31	25	33	36	36	37	44	57	61	60	51	51	48	46	50	44	50	48	51	40.3
	MIN	17	-4	7	10	7	5	11	23	-4	20	27	18	16	15	13	9	13	18	18	25	24	30	30	29	23	20	25	24	28	22	36	17.5
MC VILLE	MAX	31	15	23	21	18	22	29	28	24	37	32	27	25	20	28	28	30	31	43	55	57	58	54	45	47	48	45	38	40	46	41	35.0
	MIN	9	-9	8	14	-3		-2		-8	18	22	12	9	9	10	8	8	17	16	24	27	32	31	31	28	23	27	27	21	22	32	16.0
MEDORA 3 NNE	MAX	38	51	48	33	25	25	31	35	40	49	45	43	44	23	30	35	35	36	51	64	70	64	39	47	58	52	44	41	46	46	49	43.1
	MIN	22	10	20	21	18	12	-6	16	4	28	32	25	15	-8	-12	5	22	26	21	20	27	33	31	19	26	25	27	22	10	33	26	18.4
MINOT CAA AP	MAX	28	24	35	25	16	25	30	28	31	48	36	28	23	24	31	32	30	32	44	56	62	46	32	34	57	52	43	38	42	41	44	36.0
	MIN	6	1	9	7	2	5	5	8	5	21	16	8	13	10	10	10	12	22	22	29	31	32	27	25	24	28	30	23	20	23	29	16.5
MINOT EXP STATION	MAX	39	27	24	34	18	11	24	30	21	31	47	23	28	23	24	31	31	30	31	43	54	62	38	30	34	54	53	44	38	42	40	34.2
	MIN	16	0	3	11	1	3	2	7	3	12	20	8	11	11	9	8	12	16	19	25	30	31	27	25	25	28	29	24	17	23	30	15.7
MOFFIT 4 SE	MAX	36	29	36	34	26	24	33	33	35	49	48	35	34	21	26	31	35	35	45	56	67	62	38	41	55	54	51	43	43	43	44	40.1
	MIN	19	4	8	11	8	10	-1	22	-3	22	24	9	18	12	7	4	15	15	13	22	25	30	30	28	22	24	25	20	17	21	32	16.5
MOHALL	MAX	29	21	33	29	19	26	32	30	28	42	36	26	21	25	31	31	31	31	47	57	60	54	37	35	56	54	55	42	38	43	44	36.9
	MIN	4	0	9	9	3	3	3	8	-3	20	18	8	10	9	8	8	10	22	15	27	29	31	27	25	22	26	25	30	25	18	30	15.5
MOTT	MAX	35	43	41	34	25	20	31	36	39	49	43	43	35	23	31	39	36	35	56	64	70	56	35	42	58	56	45	40	46	40	44	41.6
	MIN	19	8	11	23	9	9	-4	16	4	19	25	11	17	8	2	6	16	21	26	22	30	32	28	24	18	29	20	18	8	24	23	16.8
MUNICH 4 SW	MAX	25	10	22	22	22	20	22	26	18	30	21	21	27	16	20	21	28	27	35	50	50	48	42	32	41	40	36	28	33	34	42	29.3
	MIN	-1	-17	-1	-5	-14	-7	-10	7	-14	9	10	-1	-4	-3	0	0	-4	6	9	18	21	25	22	19	24	20	22	20	19	16	23	6.7

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	32	26	34	30	25	23	31	30	33	46	41	36	33	22	28	35	34	36	45	59	62	53	39	42	52	50	47	41	44	41	46	38.6
	MIN	18	1	7	12	6	8	1	22	-1	25	27	13	18	11	5	7	14	15	17	24	27	31	31	28	28	25	28	22	16	24	32	17.5
NEW ENGLAND	MAX	34	47	41	30	22	17	28	35	39	47	42	41	35	20	38	34	38	32	54	63	69	55	35	43	56	49	42	39	45	44	46	40.6
	MIN	19	11	16	20	10	9		15	7	22	27	15	17	5		1	18	21	26	23	27	33	29	20	22	28	24	18	11	29	25	18.9
NEW SALEM 1 S	MAX	31	30	37	28	19	23	31	33	36	49	38	37	28	20	25	29	31	33	49	60	67	51	35	35	56	54	46	41	43	37	41	37.8
	MIN	18	5	9	18	7	8	3	17	7	19	23	16	16	9	1	7	13	20	22	24	28	33	28	25	22	24	25	20	15	30	29	17.5
NEWTOWN	MAX	33	32	38	34	18	28	33	31	39	47	45	34	31	23	33	32	33	34	49	60	64	64	36	44	59	52	42	38	43	41	43	39.8
	MIN	18	5	10	17	5	8	1	15	5	25	19	7	21	5	6	8	17	22	21	26	29	34	26	22	23	28	28	23	15	30	30	17.7
OAKES	MAX	40	30	21	31	30	21	23	32	30		46	46	35	25	22	32	35	34	36	44	56	58	56	41	51	48	47	48	44	45	49	38.5
	MIN	20	-1	0	11	8	7	6	8	2		25	17	17	14	11	12	14	16	17	21	22	28	33	31	23	20	24	25	21	23	31	16.9
PARK RIVER	MAX	32	13	23	22	19	21	30	28	23	35	34	28	24	22	25	26	31	30	42	56	56	57	55	51	45	48	47	44	41	46	47	35.5
	MIN	7	-5	4	14	-1	1	2	19	-3	18	25	14	5	9	11	12	9	16	15	28	28	29	28	30	28	23	26	28	28	20	20	15.7
PARSHALL	MAX	30	30	36	33	19	26	32	30	37	47	40	32	30	23	31	33	33	34	47	58	63	58	34	42	58	55	44	40	43	40		38.6
	MIN	16	4	10	15	4	5	1	15	3	24	19	5	15	2	6	11	14	22	23	25	31	32	26	25	22	26	36	26	22	23		16.9
PEMBINA 2 N	MAX	20	12	22	19	18	20	30	30	24	24	33	26	23	21	20	21	29	31		55	56	57	57	48	48	47	47	45	35	45	43	33.5
	MIN	8	-10	-9	7	-9	-5	-5	17	-2	16	15	8	-6	-2	5	10	0	12	6	29	30	30	32	27	28	27	25	28	27	19	30	12.5
PETERSBURG	MAX	27	12	22	20	16	20	28	27	23	36	34	27	23	20	25	26	29	30	41	55	55	54	50	44	45	46	44	38	38	45	42	33.6
	MIN	6	-8	4	13	-1	-1	0	15	-6	17	22	9	7	8	9	8	8	15	16	26	29	31	31	30	28	25	27	27	24	22	32	15.3
PETTIBONE	MAX	32	24	31	29	21	22	30	29	31	44	44	31	30	21	28	30	32	33	43	54	57	54	42	36	50	51	47	42	42	41	42	36.9
	MIN	15	-4	5	13	2	1	0	21	-2	20	22	10	13	9	6	1	12	17	15	23	28	28	29	27	28	23	26	24	17	23	30	15.5
ORTAL	MAX	34	28	26	31	18	15	23	31	24	30	43	19	25	20	22	30	31		34	48	60		44	29	42		54	40	34	42	39	32.7
	MIN	12	2	6	9	1	3	1	9	0	14	15	4	11	2	3	5	12		20	23	29		24	19	26	25	28	21	15	26	24	13.4
POWERS LAKE 1 N	MAX	27	29	33	23	15	24	31	28	34	44	36	26	22	21	27	32	30	33	48	59	60	52	32	41		55	40	30	40	36	46	35.1
	MIN	12	2	8	10	0	3	-3	9	2	25	15	0	10	-2	0	4	12	21	19	23	28	31	22	12	22	23	26	20	15	24	26	13.5
RAUB 10 SSW	MAX	32	32	38	29	20	26	33			48	37	35	25	22	29	27	29	32	44	55	66		39	41	58	46	55	36	42	38	42	37.7
	MIN	15	5	12	18	6	6	5				22	12	17	3	3	5	8	21	17	29	34		25	25	26	24	23	21	16	29	29	16.9
RICHARDTON ABBEY	MAX	33	39	37	32	20	20	29	29	37	47	41	38	34	19	21	31	30	33	52	61	68	60	35	42	58	55	42	39	43	40	39	38.8
	MIN	19	9	14	19	7	7	2	15	9	22	28	16	16	6	0	10	10	21	27	29	33	32	27	23	23	31	26	20	17	29	29	18.6
RIVERDALE	MAX	38	32	27	36	24	17	25	30	27	32	46	27	32	22	22	27	26	29	32	46	54	65	36	30	34	55	52	42	37	41	39	34.9
	MIN	17	5	5	10	5	7	6	8	5	11	25	12	13	7	2	2	8	16	17	23	30	32	28	26	24	28	28	24	18	21	28	15.8
ROLLA	MAX	25	15	26	23	15	21	28	25	25	33	30	28	22	22	25	27	28	32	39	52	56	44	40	37	49	51	41	32	38	37	41	32.5
	MIN	-3	-7	10	6	-3	2	3	11	-3	15	17	7	4	6	9	10	5	12	16	27	31	29	30	26	31	27	29	27	20	23	28	14.4
RUGBY	MAX	32	28	32	32	18	22	30	28	26	40	40	26	26	24	28	31	32	33	42	55	57	56	42	38	50	52	49	38	42	40	42	36.5
	MIN	14	-5	9	15	1	3	1	20	-3	20	22	9	10	10	7	7	10	20	20	27	31	31	31	28	28	29	30	25	20	25	20	16.6
SAN HAVEN	MAX	29	19	27	27	16	19	25	25	22	32	34	28	26	24	27	29	30	32	36	50	56	52	37	34	49	51	47	32	40	39	38	33.3
	MIN	9	-11	9	8	-4	2	-1	20	-6	17	18	6	5	8	6	6	6	18	14	23	35	31	32	26	27	26	28	23	18	23	25	14.4
SHARON	MAX	30	12	23	22	18	20	28	28	22	37	36	26	25	20	28	30	32	33	42	55	57	55	50	49	49	46	45	40	37	46	43	35.0
	MIN	9	-7	7	14	0	0	1	12	-5	18	23	13	10	10	11	9	8	16	14	25	28	30	32	30	27	25	28	28	23	20	33	15.9
STANLEY	MAX	29	28	37	28	14	24	31	28	35	45	36	30	24	21	29	33	30	33	47	58	61	50	34	40	58	54	40	36	43	38	45	36.7
	MIN	15	3	8	13	2	6	3	12	3	26	17	5	14	3	16	12	13	23	21	27	27	33	25	22	23	25	28	22	16	24	30	16.7
STEELE	MAX	31	27	34	34	23	24	30	35	33	48	48	34	32	28	27	33	35	35	45	57	64	60	39	39	54	54	56	48	45	44	45	40.0
	MIN	14	-1	5	14	0	6	1	20	2	20	21	11	11	10	5	5	12	15	16	22	22	28	30	26	28	23	26	22	15	16	24	15.1
TIOGA 1 E	MAX	35	29	30	34	22	15	26	32	26	43	45	22	29	25	24	30	33	32	33	49	59	61	35	32	42	55	50	41	36	42	34	35.5
	MIN	15	0	1	16	3	4	2	2	4	12	18	4	7	1	2	4	3	19	23	26	28	33	24	17	25	27	28	21	14	19	25	13.8
TOWNER	MAX	29		35	21	19	23	32	33	28	45	43		23	26	27	31	32	35	42	57	58	53	39		54	54	51	46	38	43	44	37.9
	MIN	13		9	8	-2	-2	0	19	-5		15	6	9	11	7	17	14	20	24	28	29	34	29	27	31	31	35	27	24	15	27	17.2
TURTLE LAKE	MAX	31	26	36	28	19	24	31	30	35	47	44	31	28	23	29	33	30	34	42	54	63	54	36	33	54	52	47	39	44	40	45	37.5
	MIN	15	0	5	14	1	4	3	19	1	19	19	9	15	3	-2	-1	8	18	11	24	28	29	26	24	22	25	27	22	16	24	30	14.8
UNDERWOOD	MAX	38	29	26	29	23	18	25	30	28	36	47	32	32	22	22	28	30	29	35	44	54	63	37	30	33	55	53	43	39	43	40	35.3
	MIN	16	3	4	12	4	4	3	5	4	11	27	10	12	4	0	-4	2	18	15	22	25	30	27	25	22	27	28	23	17	23	30	14.5
UPHAM 3 N	MAX	33	21	36	34	19	27	31	30	28	44	41	26	31	25	31	30	32	35	43	55	57	54	39	37	55	56	53	40	42	42	46	37.8
	MIN	13	-4	10	15	0	1	0	20	-7	20	20	7	10	9	7	6	11	21	17	24	27	30	31	27	24	26	30	24	18	25	28	15.8
VALLEY CITY	MAX	25		27	30	25	23	32	31	29	44	42	34	32	26	32	33	35	35	44	59	60	60	60	50	47	48	46	45	45	48	45	39.7
	MIN	18	-4	6	12	7	3	4	21	-5	20	26	15	14	13	12	11	11	11	12	25	25	35	34	33	26	20	24	27	21		21	16.6
VELVA	MAX	40	28	25	39	22	18	26	33	28	32	48	25	30	24	26	33	33	32	36	45	59	62	41	32	35	57	55	45	40	45	42	36.6
	MIN	18	0	3	9	2	3	4	7	2	9	22	10	13	12	10	9	12	19	15	24	28	29	29	27	24	30	29	26	19	23	30	16.0
WAHPETON STATE SCHOOL	MAX	40	25	28	32	28	26	30	38	29	49	49	40	33	28	29	33	35	37	41	56	59	57	57	51	48	47	52	47	48	49	51	41.0
	MIN	19	-3	8	9	7	4	4	21	-2	21	28	19	18	14	11	5	14	19	18	25	30	32	34	27	26	24	27	25	25	25	36	18.4
WASHBURN	MAX	28	28	38	33	21	27	32	33	37	50	48	35	30	22	28	29	32	35	47	57	66	58	38	34	56	53	49	41	45	41	44	39.2
	MIN		7	7	19	5	7	7	21	7	27	25	12	18	7	2	0	12	10	18	26	30	32	29	27	24	28	29	26	18	26	30	17.9
WATFORD CITY	MAX																																
	MIN																																
WATFORD CITY 14 S	MAX	35	43	43	30	24	25	32	35	41	48	43	41	39	24	32	32	32	36	50	62	66	66	37	45	58	58	43	41	45	44	45	41.8
	MIN	20	13	16	20	6	7	1	15	10	30	23	12	12	3	-5	5	15	20	23	27	35	32	30	18	28	24	28	23	13	31	27	18.1
WESTHOPE	MAX	23	18	31	20	18	25	30	28	26	43	34	26	22	24	29	31	33	32	43	53	57	45	34	35	53	54	44	39	50	43	44	35.1
	MIN	10	-4	9	7	-2	1	0	17	-4	20	16	5	7	9	7	4	10	19	17	23	30	30	25	24	25	27	27	22	23	17	26	14.4
WILLISTON WB CITY	MAX	35	40	36	23	17	27	33	29	42	46	37	34	25	25	34	36	33	36	51	61	63	39	37	47	57	43	42	38	44	40	43	38.5
	MIN	20	14	15	12	6	10	7	15	14	33	19	11	12	8	6	11	20	25	28	27	32	32	29	21	32	30	27	24	18	34	30	20.1
WILLISTON EXP FARM	MAX	33	38	36	27	19	25	30	30	41	45	40	32	28	23	30	34	33	35	48	59	60	55	34	43	55	51	40	38	42	39	41	38.2
	MIN	13	8	10	14	1	5	1	9	6	28	16	7	14	1	-1	7	15	21	23	23	29	28	25	16	24	26	22	16	14	27	26	15.3
WILLOW CITY	MAX	30	18	34	30	23	24	30	28	26	45	36	26	26	25	29	30	31	34	41	55	57	52	41	36	52	53	48	37	43	40	44	36.3
	MIN	11	-8	9	13	0	0	0	19	-12	20	19	8	8	11	6	5	7	17	16	22	24	22	29	27	24	23	28	24	18	23	26	14.2
WILTON	MAX	30	30	32	24	20	22	27	28	32	45	40	32	32	25	24	30	30	35	44	55	62	50	42	34		53	44	38	42	36		35.8
	MIN	15	2	5	18	2	4	5	5	2	22	20	12	10	5	-2	6	12	18	14	24	30	35	26	24	26	22	27	30	16	25		15.3
WISHEK	MAX	39	30	25	32	32	19	22	30	28	32	40	42	40	28	21	28	36	33	37	45	57	56		35	43	50	47	47	41	45	40	36.7
	MIN	18	0	0	6	8	9	-2	0	-5	2	25	15	17	12	7	7	10	14	11	15	22	30		28	27	20	25	22	21	21	32	13.9

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ALMONT 7 SW	SNOWFALL					.6	T		1.2					1.6	T										T						T	
	SN ON GND					1	1		1	1				2	2	2	1															
AMENIA	SNOWFALL	T							1.0																							
	SN ON GND	T	T	T	T	T	T	T	1	T	T	T	T	T	T	T	T	T	T													
AMIDON	SNOWFALL								T					-					T				T	T					T			
	SN ON GND	-	-	-	-	-	-	-	T					T	T	T	T	T	T				T	T					T			
ASHLEY	SNOWFALL					T			T						T																T	
	SN ON GND					T			T						T																T	
BEACH	SNOWFALL					1.0	T		1.0					10.0	.5				.5				2.0	2.0				T				
	SN ON GND					1	1	1	1	T				10	9	8	6	5	5	4	1		2	2								
BELCOURT INDIAN RES	SNOWFALL	T			.2				1.5		T	T		T	T										.5			T	.3		1.0	1.0
	SN ON GND	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1												1	
BEULAH	SNOWFALL					T								8.0	2.0																	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	8	6	6	5	4	3													
BISMARCK WB AP	SNOWFALL				T	T	T	1.0	.3			T		1.8	.2									T	T			T			T	
	SN ON GND	T	T	T		T	T	T	1	T	T			2	2	2	1	T	T	T					T							
	WTR EQUIV													.1	.1	.1																
BOTTINEAU	SNOWFALL				T	T			.9			T	.5		T									T	T	T		T	T			2.0
	SN ON GND	6	6	6	5	5	5	5	6	6	6	5	5	5	4	4	4	3	2	2	1	T	T	T	T	T	T	T	T	T	T	1
BOWBELLS	SNOWFALL				T	T			1.0					T																		
	SN ON GND	T	T	T	T	T	T	T	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
BUTTE	SNOWFALL					1.0			T		T		T	1.0	T										T			T			T	
	SN ON GND					1	1	T	T	T			T	1	1	1	T	T	T	T					T						T	
CARSON NO 2	SNOWFALL								T					T		T																
	SN ON GND	T	T	T	T	T	T	T	T	T				T		T																
CAVALIER	SNOWFALL	.1			.1	T			.6		1.5	T	.4			T	T												T	T		
	SN ON GND	3	3	2	1	1	1	T	1	1	2	2	2	2	2	2	2	2	1	T												
CENTER	SNOWFALL			T	T				1.0			T		3.0	T										T						T	
	SN ON GND	1	1	1	1	1	1	1	1	1	1	T		3	3	3	3	3	2	T												
CROSBY	SNOWFALL				T	T			1.0			1.8		T									T									
	SN ON GND								1	T		2	2	2	1	1	T	T														
DEVILS LAKE WB CITY	SNOWFALL	T		T	.5	T	T	.1	1.4		.5	.2	.1	T	T										.1			T	T		.3	T
	SN ON GND	2	2	2	2	3	3	2	4	3	3	3	3	3	3	2	2	1	1	1	T	T	T						T			T
DICKINSON CAA AP	SNOWFALL			T	.2	.4	.1	.1	T			T	T	2.1	T				T	T			.5	T			T	T				
	SN ON GND					T	1	1	1	T	T			1	2	2	2	2	2	2	T	T	T	T	T				T			
DUNN CENTER 2 SW	SNOWFALL	T			T	.5	.5		.5				T	5.0	1.0	T								T					T			T
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	5	6	6	6	5	5	4	1	T										
EDMORE 1 W	SNOWFALL				1.0				1.0		.5																					
	SN ON GND	3	3	3	4	4	4	4	5	5	6	6	6	6	6	6	5	4	4	2												
FAIRFIELD	SNOWFALL				T	.3			T					6.0	T								.5	T				1.0			T	
	SN ON GND					T	T	T	T					5	5	5	4	4	3	1			1					1				
FARGO WB AP	SNOWFALL	T				T	T		.4			T	T	T	.3													T				
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T																
FESSENDEN	SNOWFALL								.8					1.2																		
	SN ON GND								1	1				1	1	1																
FORMAN	SNOWFALL								T						1.1																	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORT YATES	SNOWFALL					T	-							-		T																
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULLERTON	SNOWFALL					T	T		.3						.3													T			T	
	SN ON GND	T							T	T	T	T			T																	
GRAFTON	SNOWFALL	T			.3				-		T	T																	T			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND FORKS CAA AP	SNOWFALL	T	T		T	T	T		.4			T	.1		T	T	T												T	T		
	SN ON GND	1	1	1	T	T	T	T	T	1	T	T	1	T	T	T	T	T														
GRAND RAPIDS 1 N	SNOWFALL								.5						T																	
	SN ON GND								1						T																	
GRANVILLE	SNOWFALL				T		T		1.5		T	T	T	T										T	T			T				
	SN ON GND	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1													
HANSBORO	SNOWFALL	T			.5				.5		.2	T		T														T			T	
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T									T			T	
HETTINGER	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND					1	1	1	1	T	T			T	T	T								T				T				
JAMESTOWN CAA AP	SNOWFALL	T	T		T	T	T		.4					T	T													T	T		.1	T
	SN ON GND	T	T	T	T	T	T	T	1	1	T			T	T	T	T	T														
KENSAL WILDLIFE REFUGE	SNOWFALL				T				1.0					.5																		
	SN ON GND				T				1	-				1	1	T																
LANGDON EXP FARM	SNOWFALL				.1				.2		1.5	T													T						T	1.0
	SN ON GND	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	3	1											
MAX	SNOWFALL					T			1.0				.5	.3	T										T							T
	SN ON GND	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	T	T	T	T	T			T							T
MAYVILLE	SNOWFALL	T			T		T		1.0			T			T																	
	SN ON GND	2	2	2	2	2	2	2	3	2	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T					
MC CLUSKY	SNOWFALL				.1				.5					2.0																		
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	T	2	2	2	2	1	1	1	T	T	T	T	T							
MC HENRY 5 N	SNOWFALL	T			T		T		.3			T	.1	T														T				
	SN ON GND	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	T	T														
MINOT CAA AP	SNOWFALL	T		T	T	T	T	.2	.7			T		T	T			T	T				T	T	T			T			T	
	SN ON GND	T			T	T	T	T	1	1	1	T	T	T	T	T									T			T				

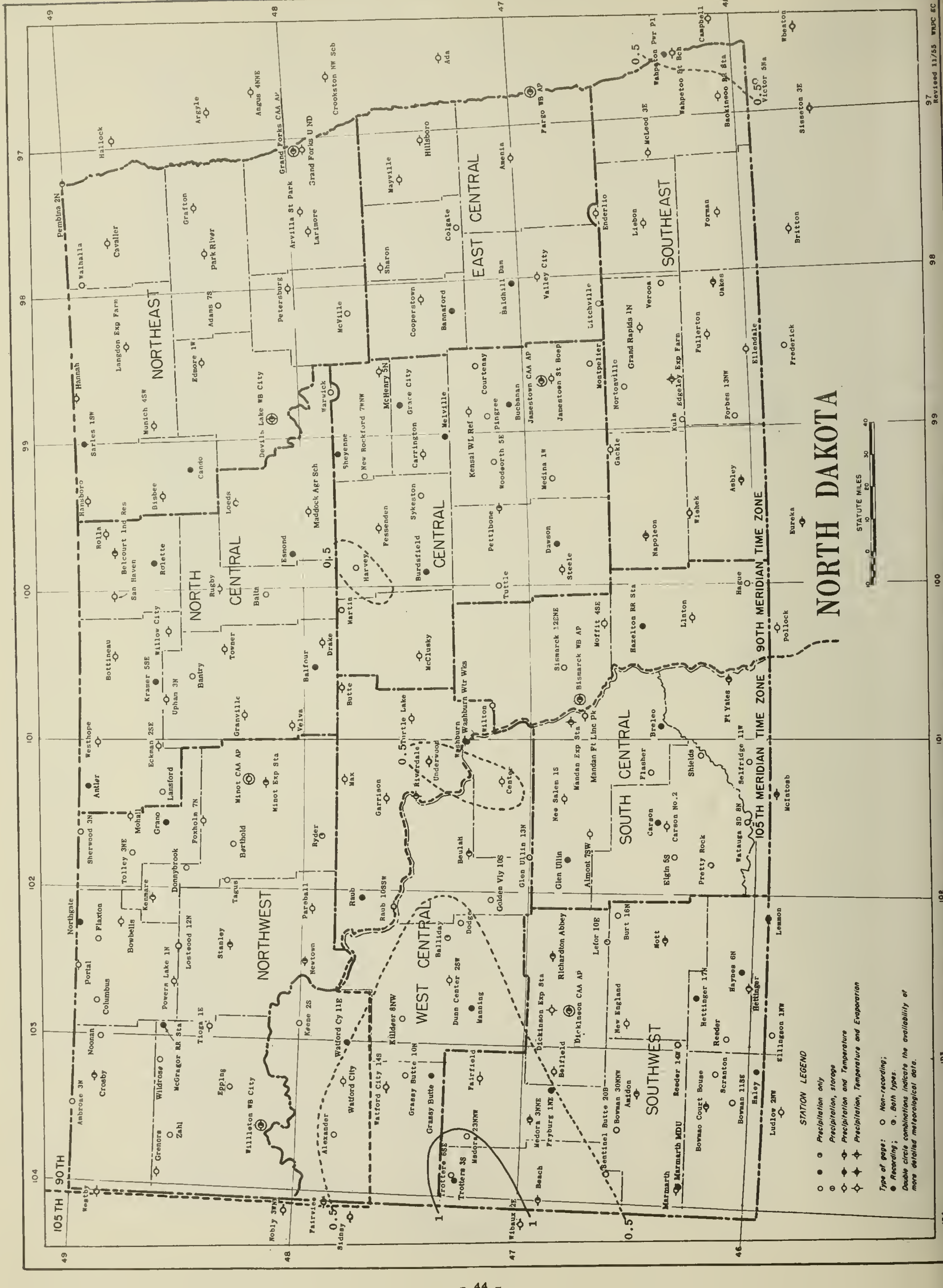
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL				T	T	T		2.D			T	T	T	T	T			T										T			
	SN ON GND				T	T			2	2		T	T	T	T	T			T													
MOTT	SNOWFALL				T	.3	T		.4					.3	T								T	T							T	
	SN ON GND					T	T	T	T					T	T	T								T								
MUNICH 4 SW	SNOWFALL	T			.5				1.0		1.0	.5		T											T				T		1.5	1.D
	SN ON GND	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	1												1	
NAPOLEON	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
PARSHALL	SNOWFALL				T	T			.8			T		T										T	T			T			T	
	SN ON GND								1					T																		
PETERSBURG	SNOWFALL				T				.5			T	.4																			
	SN ON GND	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	1	1	T	T	T										
PETTIBONE	SNOWFALL								–					2.D																	T	
	SN ON GND	–	–	–	–	–	–	–	T					2	2	2	1	–	–													
RIVERDALE	SNOWFALL				T	T			.5		T		T	3.D	T	T									T							T
	SN ON GND	T	T	T	T	T	T		1	T	T	T	T	3	3	3	3	3	2	1	T	T			T							T
SHARON	SNOWFALL	T			T				1.D																			T				T
	SN ON GND	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	T	T	T	T												
STANLEY	SNOWFALL				T				.7					.1																		
	SN ON GND	T	T	T	T	T	T	T	T	T				T	T	T	T															
WAHPETON STATE SCHOOL	SNOWFALL	T							.7						4.5	1.7-																
	SN ON GND								1	1					5	6	3	2	1													
WILLISTON WB CITY	SNOWFALL			T	.1	T	T	.6				.5		.6	T	T			.1				1.2				T	.1			T	
	SN ON GND	T	T	T	T	T	T	T	1	1	T	T	T	1	1	1	T	T	T	T	T			T				T				
WILLOW CITY	SNOWFALL				T				2.D			.5			T										T			T			T	
	SN ON GND	–	–	–	–	–	–	–	2	2	1	1	1	T	T	T	T	T										T				

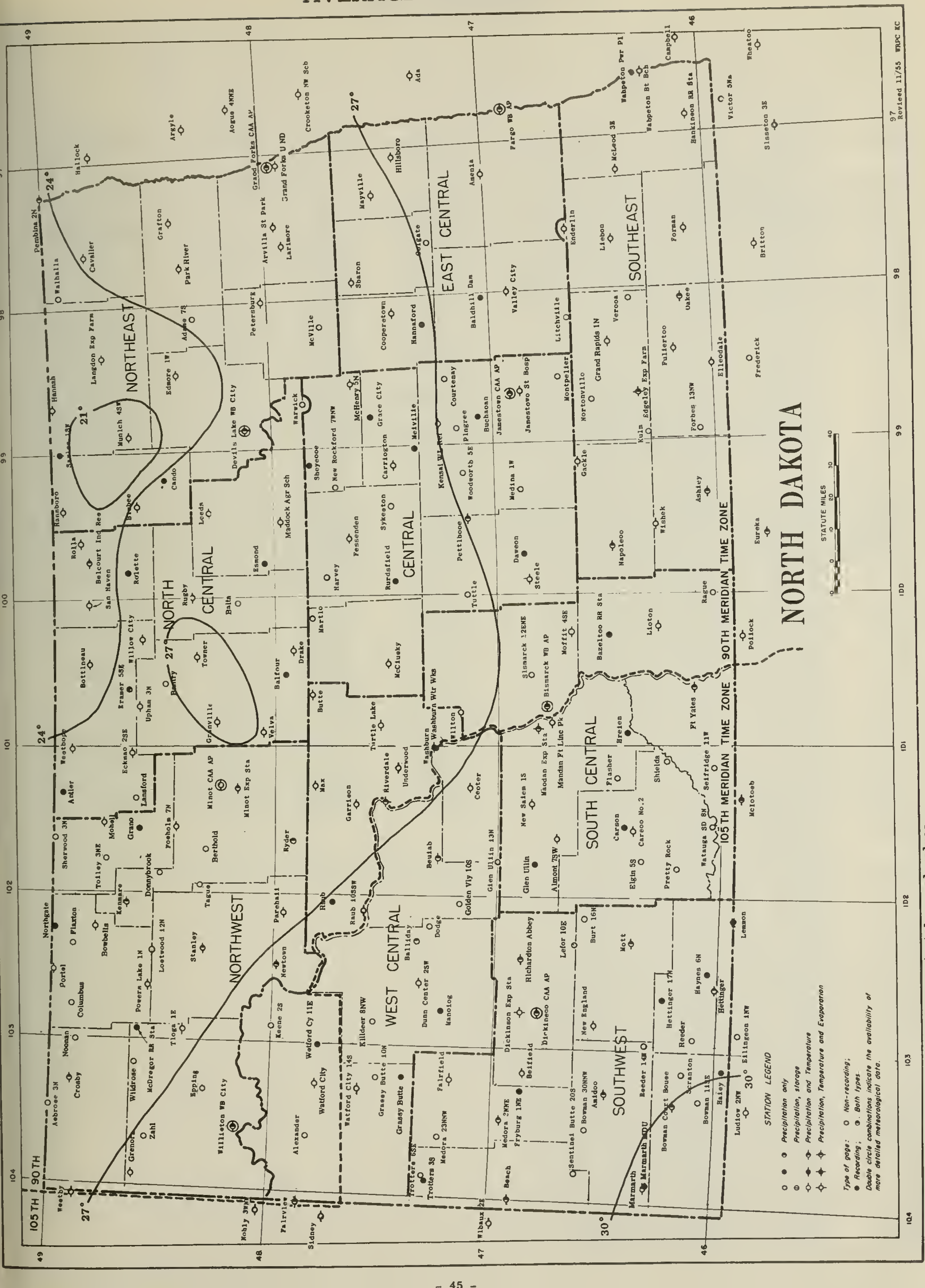
See reference notes following Station Index.

TOTAL PRECIPITATION



AVERAGE TEMPERATURE

MARCH 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	68 08	1554		6P	Myron J. Hata	3
Alexander	0088	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0138	Morton	4	46 43	101 38	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	87 13	960	SS	SS	Virgil L. Geheke	2 3 5 7
Amidon	0208	Slope	1	48 28	103 19	2810	8A	6A	Otis A. Qual	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	87 30	680	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0362	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	46 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0560	Golden Valley	7	48 55	104 01	2814	6A	6A	Belen Tobian	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	89 45	1660	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0638	Stark	4	46 53	103 11	2563	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 18	101 44	2080		6P	Joseph G. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0786	Towner	2	48 37	89 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0818	Burleigh	8	48 48	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1708		8A	KFYR Transmitter	3
Bottineau	0841	Bottineau	12	48 50	100 27	1840	8A	8A	N. D. Sch. of Forestry	2 3 5 7
Bowbells	0981	Burke	12	48 48	102 15	1853	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Book	2 3 5 C
Bowman 9 SE	0998	Bowman	3	48 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	48 35	103 31	2505		5P	John H. Ranson	3
Breien	1052	Morton	1	48 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	88 48	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl E. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	98 12	1481		MID	Barry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1588	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Wm. O. Drummond	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bannon Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1686	Steele	10	47 14	87 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1830		6P	J. D. Sundell	3
Cooperstown	1786	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 8 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2480	7A	7A	Dickinson Exp. Sta.	2 3 5 8
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1780		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2385	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 38	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	48 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 28	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Selinger	3
Ellendale	2805	Dickey	5	46 00	88 31	1460	8P	8P	Paul Grene	2 3 5
Enderlin	2685	Ransom	11	48 37	87 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	88 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	8P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	48 54	86 48	885	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2948	Wells	5	47 38	88 37	1820	6P	6P	Emil E. Runt	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 08	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	48 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 W	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2775		MID	David D. Brennan	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	8P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	48 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bondurud	C
Grafton	3584	Walsh	10	48 25	87 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 58	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1380	8P	6P	Albert J. Ness	2 3 5 7
Grano	3678	Renville	12	48 37	101 35	1825		MID	Robert Decker	C
Granville	3688	McHenry	12	48 16	100 51	1504	7P	7P	Fred Eoble	2 3 5 7
Grassy Butte	3688	McKenzie	7	47 24	103 14	2860		MID	Ralph Heiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	6P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		8P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3848	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3808	Richland	10	48 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3828	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3938	Cavalier	9	48 58	98 41	1570	6P	8P	U.S. Customs Office	2 3 5
Hansboro	3983	Towner	9	48 57	99 23	1800	7P	7P	Charles R. Dieher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		8P	Stephen Schreder	3
Haynes 9 WNW	4073	Adams	1	48 05	102 28	2572		MID	John R. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2880	8P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4188	Adams	1	48 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	8P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	48 55	98 41	1482	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	88 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Herget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. R. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 18	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Wretschmar	C
Kulm	4843	La Moure	5	48 18	98 57	1970		6P	John Stroebl	3
Langdon Exp. Farm	4856	Cavalier	8	46 45	86 20	1815	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1800		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels H. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	6	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 28	87 42	1069	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 38	98 11	1467		8P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1804	8P	8P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2218		MID	Donald Jefferine	C
Marmarth	5573	Slope	7	48 18	103 55	2714	6P	6P	S. P. Grane	2 3 5
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710		MID	E. S. Jestnes	C
Martin	5810	Sheridan	11	47 50	100 07	1810		5P	Elroy E. Kessler	3
Max	5638	McLean	6	47 48	101 18	2083	8A	8A	R. H. Schafer	2 3 5 7
Mayville	5880	Traill	10	47 30	87 18	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 58	-		MID	L. E. Erickson	C
McHenry 6 W	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blanky	2 3 5 7
McLeod 3 S	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5784	Nelson	10	47 46	98 10	1487	6P	6P	Robert O. Getz	2 3 5
Medina	5788	Stutsman	8	46 53	89 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5816	Billings	7	47 14	103 36	2123		7A	Archie S. McAdoo	3
Melville	5833	Foster	5	47 20	68 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5688	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5663	Ward	12	46 10	101 18	1720	6A	8A	N.D. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	8P	W. E. Purdy	2 3 5 7
Montpelier	8105	Stutsman	5	46 42	86 35	1378		6P	Wolf Ranson	3
Mott	8155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 36	98 53	1586	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	6	46 30	98 46	1656	6P	6P	Warren Wentz	2 3 5 7 C
New England	8315	Hettinger	1	46 33	102 52	2621	6P	8P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6363	Mountrail	6	47 58	102 29	1805	6P	8P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	46 53	103 01	1980		6P	George Woetek	3
Northgate	6535	Burke	12	46 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	68 44	1506		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	6A	E. Carrie Murray	2 3 5 C
Park River	6657	Walsh	10	48 23	97 45	896	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1928	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	88 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1854	8A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		8P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 08	1858	8P	6P	Lyle P. Roltan	2 3 5
Reeder	7450	Adams	3	48 06	102 57	2810		8P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1818	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1580	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		5P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	N.D. State Hospital	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7876	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 W	8047	Renville	12	48 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin R. Kennedy	C
Shields	8085	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	S. O. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August H. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2028	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8890	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		8P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	882		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil H. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	8218	Grant	1	48 02	101 34	2074		6P	Mary E. Watun	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9248	McKenzie	7	47 36	103 17	1870	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	6P	8P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	8425	Williams	6	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	8455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Hellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	89 12	1871		6P	John Rohrer	3
Zahl	8835	Williams	8	48 34	103 41	2000		6P	Ola Sevartnen	3
NEW STATIONS										
Abercrombie 3 NW	0005	Richland	10	46 28	86 47	835		8P	Helmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 6. Missouri 8. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 4-30-57 -- 850

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

APRIL 1957
Volume LXVI No. 4

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ASHEVILLE: 1957

WEATHER SUMMARY

The cool weather during the first three weeks of April delayed spring field work. Seeding spring grains made rapid progress during the mild weather of the last week. The rains benefited newly-seeded fields and pastures.

Cool weather prevailed during the first 19 days of April. The temperatures dropped to the freezing mark or lower on many nights. The temperatures were especially low on the morning of the 11th. Most stations registered their lowest temperatures for the month on that date. Monthly minimum temperatures were 10° or lower at almost all stations. The coldest temperature for the State, 2° below zero, occurred at Munich 4SW on the 11th. Temperatures rose into the 70s over much of the State on the 22d but dropped to near seasonal from the 25th to 27th. The last two days of April were unusually mild and all stations registered their highest maximums for the month on those days. Monthly maximums were in the 70s over the southwestern counties and in the lower 80s over the rest of the State except at a few stations in the extreme east where they reached the upper 80s and at Arvilla State Park where the temperature climbed to 90°, the highest for the State, on the 30th. Monthly mean temperatures ranged from 34.5° at Munich 4SW to 44.5° at Wahpeton State School. Monthly mean temperatures were slightly below the long-term means at most stations. Temperature departures ranged from -4.9° at Mott to +1.5° at Park River.

Light rain or snow fell on several days during the first part of the month but the most beneficial precipitation occurred from the 16th to 20th and from the 22d to 24th. The precipitation was quite unevenly distributed over the State. Many east central counties received less than an inch. A few counties in the southeastern section received more than three inches. Elsewhere, over the State, most counties received between one and three inches. The least monthly total, 0.36 inch, fell at McVille; the greatest, 5.12 inches, at Forman. Precipitation exceeded the long-term means over the southern counties and over much of the northwest and west central sections. The monthly totals were mor than twice the long-term means at Mott Forman, and Oakes. Several station in the east central part of the Stat received less than half their long-term means. A few stations receive no snow during the month. Many scattered stations received only ligh flurries of little importance. A the other extreme, many stations i the southwest, central, and east central sections, and a few scattere stations received several inches o snow. The greatest monthly total 10.8 inches, fell at Underwood.

Very little field work was being accomplished at the beginning of April The ground was frozen over most o the State. A few scattered field in the south and central sections wer being disked and seeded. Some farmer waited for rain before planting. Livestock continued in good condition wit feed ample. The cold temperature during the second week of April stoppe the field work. The cold weather an rain during the third week cause further delays. The increased soi moisture over the south and centra sections was beneficial. Spring seeding accelerated during the mild sunn weather of the last week of April. Th early seeded fields emerged. Gras made better growth and supplied limite grazing. Soil moisture was adequat for germination of seeds in all sections except the northwest. Subsoi moisture continued short over th southwestern counties. Newly-seede fields made good progress at the clos of the month.

STORMS

Two tornadoes were seen in Burleig County on April 1. One of the funnel touched the ground but no wind damag was reported. Slight hail damage occurred. Hail caused some propert damage in Golden Valley County on th 21st. Hail does not usually occur s early in North Dakota. On the 22d, tornado demolished a garage, granary and barn 10 miles south of Belfield

Lucius W. Dye
Climatologist
Weather Records Processing Cente
Kansas City, Missouri

SUPPLEMENTAL DATA

NORTH DAKOTA
APRIL 1957

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	10	12.5	40	NW	8	72	81	47	47	8	2	5	1	0	0	16	59	6.9
DEVILS LAKE WB CITY	-	-	9.6	30	N	8	-	82	53	51	8	6	2	0	0	0	16	60	7.2
FARGO WB AIRPORT	N	14	17.0	42	NW	10	72	82	55	52	5	5	1	2	0	0	13	72	6.7
WILLISTON WB CITY	-	-	7.6	31	W	24	-	84	53	50	1	9	4	1	0	0	15	53	7.3

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST DIVISION																							
BOWBELLS	50.2	27.5	38.9		79	29	2	11	777	0	1	21	0	1.31		.41	23	T	0		4	0	0
CROSBY	50.8	27.9	39.4	- 0.3	82	30	5	11	762	0	2	20	0	.75	- .04	.32	23	T	0		4	0	0
FOXHOLM 7 N	51.8	27.9	39.9	- 1.1	83	29+	5	11	747	0	1	20	0	1.15	- .04	.38	23	T	0		4	0	0
GRENORA	52.0	28.7	40.4		82	29+	1	11	731	0	1	20	0	.68		.34	3	T	T	3+	2	0	0
KENMARE AM	47.9	27.1	37.5		82	30	3	11	818	0	3	20	0	1.10	.03	.67	23				2	1	0
LOSTWOOD 12 N	51.9M	26.7M	39.3M		81	29+	0	11	761	0	1	21	1	0 1.17		.56	23	2.1	0		3	1	0
MINOT CAA AP	49.8	29.8	39.8		81	29	4	11	750	0	1	18	0	1.00		.34	22	.4	T	4+	3	0	0
MINOT EXP STATION AM	48.7	28.5	38.6		80	30	3	11	783	0	2	19	0	1.27		.48	23	4.0	1	6+	3	0	0
MOHALL	51.3	27.7	39.5	- 0.9	83	29+	4	11	755	0	1	20	0	1.04	- .27	.46	23	2.0	T	4	3	0	0
NEWTOWN	52.2	28.6	40.4	- 0.9	81	29	2	11	732	0	1	17	0	1.60	.39	.88	23	2.0	0		3	1	0
PARSHALL	51.9	27.3	39.6		81	29+	2	11	751	0	1	19	0	1.09	- .06	.50	23	T	0		3	1	0
PORTAL AM	49.5M	27.6M	38.6M	- 0.9	84	30	3	11	797	0	2	21	0	.84	.01	.33	16		4	16	2	0	0
POWERS LAKE 1 N	49.4M	24.6M	37.0M		80	29+	- 1	11	822	0	2	20	1	1.38				.5	0				
STANLEY	50.5	27.6	39.1		80	29	1	11	774	0	1	20	0	.88		.68	23		0		1	1	0
TIOGA 1 E AM	47.8	26.8	37.3		80	30	2	11	823	0	2	20	0	1.68		.74	23	1.0	0		2	2	0
WILLISTON WB CITY R //	51.0	30.9	41.0	- 1.9	81	29	5	11	711	0	1	16	0	1.69	.62	.58	19	2.0	1	3+	5	1	0
WILLISTON EXP FARM	51.3	26.0M	38.7M		81	30	0	11	799	0	1	21	1	2.07		.57	23	T	0		7	1	0
DIVISION			39.1	- 1.4										1.22	.13			1.0					
NORTH CENTRAL DIVISION																							
BELCOURT INDIAN RES	49.1	25.9	37.5		82	30	3	11	818	0	2	20	0	.70		.21	18	1.3	T	10+	3	0	0
BOTTINEAU AM	48.2	27.5	37.9	- 1.5	81	30	4	11	808	0	2	18	0	1.16	.20	.35	23	1.6	1	16	4	0	0
DRAKE AM	50.1	28.4	39.3	- 1.3	82	30	5	11	764	0	1	19	0	.63	- .58	.32	18	T	0		3	0	0
ECKMAN 2 SE AM	49.2	25.9	37.6	- 2.4	83	30	4	11	815	0	2	22	0	1.21		.41	23	T	0		6	0	0
GRANVILLE	52.3M	29.1M	40.7M	- 0.9	84	29	5	11	724	0	1		0	.51	- .71	.23	23	.5	0		2	0	0
LEEDS	51.4	28.6	40.0		83	29+	5	11	745	0	1	19	0	1.11		.30	18		0		5	0	0
MADDOCK AGR SCHOOL	53.5	27.7	40.6	- 0.4	85	29+	5	11	725	0	1	20	0	.86	- .22	.38	18	T	T	10	3	0	0
ROLLA	48.4	27.7	38.1		82	30	4	11	803	0	2	20	0	.73		.19	18	1.0	T	10	5	0	0
RUGBY	51.9	29.2	40.6		83	29+	5	11	724	0	1	18	0	.80	- .23	.29	18		T	8	3	0	0
SAN HAVEN	48.8	28.5	38.7	- 0.7	82	30	3	11	784	0	1	21	0	.67	- .20	.17	24	1.6	T	1+	3	0	0
TOWNER	52.6	28.3M	40.5M	- 1.0	84	29+	4	11	718	0	1	18	0	1.25	- .10	.58	23	T	0		4	1	0
UPHAM 3 N	53.0	28.0	40.5		87	30	4	11	726	0	1	19	0	.60		.23	23	T	0		4	0	0
VELVA AM	50.6	28.6	39.6	- 3.0	84	30	5	11	754	0	1	18	0	1.19	- .10	.42	18	1.0	1	6	3	0	0
WESTHOPE	50.4	25.2M	37.8M	- 2.4	84	29+	3	11	824	0	2	23	0	1.04		.40	23	2.0	0		3	0	0
WILLOW CITY	51.6	26.1	38.9	- 0.8	83	30	4	11	778	0	1	21	0	.73	- .34	.22	18	1.5	0		4	0	0
DIVISION			39.2	- 1.3										.88	- .25			.8					
NORTHEAST DIVISION																							
ARVILLA STATE PARK	54.8	26.8	40.8		90	30	7	11	724	1	1	20	0	.37		.11	18	2.0	0		2	0	0
BISBEE	49.1	28.2	38.7		82	30	5	11	785	0	4	20	0	.98		.31	24	T	0		4	0	0
CAVALIER	51.8	29.8	40.8		85	30	10	11	719	0	1	19	0	1.01		.48	19	1.5	T	10+	4	0	0
DEVILS LAKE WB CITY R //	49.9	29.5	39.7	- 0.3	83	29+	6	11	756	0	2	17	0	.74	- .70	.28	18	.8	1	16	2	0	0
EDMORE 1 W	50.0	28.1	39.1		83	30	7	11	770	0	1	23	0	.81		.26	18	T	0		3	0	0
GRAFTON	52.6	29.3	41.0	- 0.6	85	30	11	11	716	0	1	19	0	.85	- .61	.25	19	T	0		4	0	0
GRAND FORKS CAA AP R	52.3	29.9	41.1		87	30	10	11	713	0	2	18	0	.64		.23	20	2.4	1	5+	3	0	0
GRAND FORKS UNIVERSITY	52.7	30.1	41.4	0.1	85	30	9	11	699	0	1	18	0	.98	- .53	.36	20	4.0	0		3	0	0
HANNAH	49.5	27.8	38.7		83	30	6	11	779	0	1	21	0	.74	- .35	.23	24	.3	T	10+	3	0	0
HANSBORO	49.5	27.7	38.6	0.0	84	29+	5	11	785	0	2	21	0	1.00	.08	.58	23	T	T	10	3	1	0
LANGDON EXP FARM	50.0	27.1	38.6	- 0.1	83	30	5	11	785	0	1	21	0	.95	- .34	.22	24	2.1	1	10	4	0	0
LARIMORE	53.1M	30.0	41.6M	0.8	87	30	8	11	707	0	1	17	0	.53	- .84	.11	19	T	0		3	0	0
MC VILLE	51.6	28.7	40.2		83	29+	6	11	737	0	1	19	0	.36		.18	18	1.0	0		1	0	0
MUNICH 4 SW	46.2	22.8	34.5		81	29+	- 2	11	909	0	6	24	1	.78		.18	23	1.0	1	8	4	0	0
PARK RIVER	52.8	30.3	41.6	1.5	84	30	9	11	699	0	1	17	0	1.48	.16	.93	19	T	0		3	1	0
PEMBINA 2 N	51.7	28.2	40.0		88	30	10	11+	741	0	0	20	0	1.14	- .07	.38	24	.0	0		4	0	0
PETERSBURG	50.6	28.9	39.8		82	29+	6	11	750	0	1	20	0	.56	- .57	.17	19	T	0		3	0	0
DIVISION			39.8	- 0.1										.82	- .45			.9					
WEST CENTRAL DIVISION																							
BEULAH AM	51.0	26.8	38.9		84	30	3	12	778	0	1	20	0	1.81		.77	20	2.0	0		5	1	0
BUTTE AM	51.5M	27.4M	39.5M		81	30	4	11		0	1	20	0	.86		.40	18	T	T	5+	3	0	0
CENTER	51.3M	27.8	39.6M				2	11	762	0	1	21	0	1.22		.35	18	3.0	T	4+	7	0	0
DUNN CENTER 2 SW AM	48.3	29.1	38.7	- 2.1	79	30	4	11	783	0	2	18	0	1.91	.65	.96	20	4.5	3	10	5	1	0
GARRISON AM	49.4	28.9	39.2	- 2.4	81	30	4	11	768	0	2	18	0	1.06	- .21	.37	18		1	10	3	0	0
MAX AM	48.6	27.5	38.1	- 2.1	80	30	2	11	803	0	2	20	0	1.10	- .15	.40	18	T	T	4+	4	0	0
RAUB 10 SSW	53.4M	30.4M	41.9M		81	29+	3	11	688	0	1	17	0	2.74		1.13	19	.	1	10	7	2	1
RIVERDALE AM	48.7	28.9	38.8		81	30	4	11	778	0	2	20	0	.79		.38	18	2.0	1	4+	3	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

NORTH DAKOTA
APRIL 1957

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		52.2	27.9	40.1		83	29	2	11	744	0	1	20	0	.88		.42	18	T	0		3	0	0
UNDERWOOD	AM	50.2	28.3	39.3		82	30	3	11	765	0	2	19	0	.92		.58	18	10.8			3	1	0
WASHBURN		53.6M	30.1M	41.9M	- 1.7	82	29	7	11	685	0	1		0	.86	- .46	.40	18	2.0	0		4	0	0
WATFORD CITY		52.7	29.0	40.9	- 2.1	82	29	3	11	716	0	1	16	0	2.14	.81	.67	23	1.5	0		6	1	0
WATFORD CITY 14 S		54.4M	28.9M	41.7M		82	29+	2	11	692	0	1	19	0	2.43		.75	19	4.0	4	10	6	2	0
WILTON		50.8	28.9	39.9		82	29	2	11	750	0	3	20	0	.77		.34	18	6.0			3	0	0
DIVISION				39.9	- 1.9										1.39	.09			3.0					
CENTRAL DIVISION																								
CARRINGTON	AM	49.6	27.4	38.5	- 1.6	82	30	3	11	788	0	2	19	0	.49	- .91	.15	18	2.0	2	10	3	0	0
FESSENDEN		54.3	28.5	41.4	0.2	83	29+	5	11	700	0	1	21	0	.60	- .74	.24	19	1.0	1	10+	3	0	0
JAMESTOWN CAA AP	R //	53.9	29.0	41.5		84	29	6	11	697	0	1	17	0	1.12		.40	18	1.1	1	10	4	0	0
JAMESTOWN STATE HOSP		53.1	30.5	41.8	- 0.5	84	29	6	11	688	0	1	15	0	1.16	- .48	.35	19	T	0		4	0	0
KENSAL WILDLIFE REFUGE		55.3	29.0	42.2		84	29	5	11	677	0	1	19	0	.79		.25	10	6.0	2	10	4	0	0
MC CLUSKY		51.9	27.8M	39.9M	- 1.9	82	29	1	11	755	0	1		0	.84	- .65	.29	18	.5	0		3	0	0
MC HENRY 5 N		52.5	28.1	40.3		84	29+	5	11	732	0	1	19	0	.57		.15	18+	.5	T	10	3	0	0
PETTIBONE		52.4	28.5	40.5	- 0.7	82	29	2	11	729	0	1	19	0	.67	- .72	.29	10	6.0	3	10+	3	0	0
STEELE		55.4	28.7M	42.1M	0.3	87	29	4	11	681	0	1	20	0	.93	- .39	.52	19	3.0	T	10+	3	1	0
DIVISION				40.9	- 0.4										.80	- .60			2.2					
EAST CENTRAL DIVISION																								
AMENIA		55.1	30.0	42.6		84	29	9	11	665	0	1	16	0	2.88		.92	20	4.0	0		6	3	0
COOPERSTOWN		53.4M	28.9M	41.2M		84	29	5	11	709	0	1	19	0	.71	- .46	.21	10	3.0	1	10+	3	0	0
FARGO WB AP	R //	53.9	31.2	42.6	0.5	85	29	10	11	668	0	1	15	0	1.90	.02	.90	19	2.8	2	5	3	2	0
HILLSBORO		53.6	30.7	42.2	0.0	84	29	9	11	683	0	1	18	0	1.73	.03	.74	20	5.5	4	10	3	1	0
MAYVILLE		53.7	30.3	42.0	- 0.4	84	29+	8	11	687	0	1	19	0	.87	- .40	.45	19	5.0	2	10	2	0	0
SHARON		51.7	28.7	40.2	- 0.3	83	29+	6	11	739	0	1	20	0	.61	- .83	.16	18	1.0	T	5+	3	0	0
VALLEY CITY		55.2	31.5M	43.4M	0.0	85	29	7	11	622	0	0	17	0	2.38	.96	.87	19	1.2	0		6	2	0
DIVISION				42.0	0.1										1.58	.16			3.2					
SOUTHWEST DIVISION																								
AMIDON	AM	47.9	29.2	38.6		72	25+	6	12	787	0	3	19	0	1.85		.72	19	T	T	1+	5	2	0
BEACH	AM	48.1	27.5	37.8		78	30	4	11+	809	0	2	22	0	2.41		.77	22	2.5	2	10	6	1	0
BELFIELD		50.7	27.7	39.2		79	29	4	11	766	0	1	21	0	2.77		.78	19	T	0		7	3	0
BOWMAN COURT HOUSE		50.0	28.1	39.1	- 3.6	75	29+	5	12	771	0	2	21	0	1.68		.63	19	T	2	1	4	1	0
DICKINSON CAA AP	R //	49.4	26.8	38.1		79	29	5	11	798	0	2	21	0	2.12		.82	19	8.6	2	20	5	2	0
DICKINSON EXP STATION	AM	49.0	27.2	38.1	- 3.2	79	30	5	11	800	0	2	21	0	2.59	1.23	1.33	20		1	4+	6	2	1
FAIRFIELD		48.3	27.7M	38.0M		78	29	0	11	810	0	1	21	1	2.10		.57	23	T	T	3+	6	3	0
HETTINGER		49.6	29.2	39.4	- 4.1	76	29	8	12	764	0	1	20	0	1.85	.60	.51	19		2	3+	7	1	0
MARMARTH	AM	M	M	M		80	30	6	12		0		21	0										
MEDORA 3 NNE		53.2	26.6	39.9		80	29	2	12	746	0	1	21	0	2.61		1.21	19	1.0	0		5	3	1
MOTT		51.5	25.7	38.6	- 4.9	79	29	3	12	782	0	1	23	0	2.21	1.14	.55	20	4.0	3	17	6	1	0
NEW ENGLAND		50.5	27.0	38.8	- 4.2	78	29	5	12	778	0	1	22	0	1.71	.20	.36	19	T	0		5	0	0
RICHARDTON ABBEY		51.2	29.4	40.3	- 2.4	79	29	3	11	734	0	1	18	0	2.36	.90	.81	20	7.5	2	17	7	1	0
DIVISION				38.8	- 4.0										2.19	.86			2.4					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		51.7	30.0	40.9		80	29	5	11	716	0	1	17	0	2.95		.75	19	9.8	2	17	6	3	0
BISMARCK WB AP	R //	53.7	29.7	41.7	- 1.4	83	29	7	11	692	0	1	15	0	1.61	.22	.52	18	2.2	1	10	6	1	0
CARSON NO 2	AM	50.8	29.1	40.0	- 2.8	80	30	5	11	744	0	1	19	0	2.30	.89	.76	19	6.0	2	4	5	2	0
FORT YATES	AM	52.6M	30.4M	41.5M	- 3.4	81	30			696	0	1		0	.95	- .42	.48	20	T	0		3	0	0
LINTON		55.9	29.2	42.6	- 1.7	83	29	7	12	669	0	1	18	0	1.75	.39	.58	20		T	4	5	1	0
MANDAN EXP STATION	AM	51.9	30.1	41.0	- 1.9	82	30	5	11	712	0	2	16	0	1.51	.09	.48	18	1.5	1	10	4	0	0
MANDAN FT LINCOLN PARK		56.5M	28.9M	42.7M		83	29	3	11	706	0	0		0	1.72		.54	19	T	T	10	4	1	0
MOFFIT 4 SE		54.9	28.2	41.6		82	29	7	11	697	0	1	19	0	.81		.35	19	2.0	0		2	0	0
NEW SALEM 1 S		52.3	29.4M	40.9M	- 1.7	80	29	3	11	717	0	1	18	0	1.73	.44	.51	19	1.5	2	17	6	1	0
DIVISION				41.4	- 2.1										1.70	.38			2.9					
SOUTHEAST DIVISION																								
ASHLEY		54.3	28.4	41.4	- 0.6	79	29	6	11	701	0	1	20	0	2.08	.82	.77	18	.5	0		3	3	0
EDGELEY EXP FARM	AM	53.9	29.2	41.6	- 1.1	81	30	7	11	695	0	1	18	0	2.17	.64	1.29	19	.0	0		2	2	1
ELLENDALE		57.0	30.6	43.8	0.3	82	29	10	11+	630	0	0	14	0	3.35	1.41	2.04	19	2.8	1	4	4	2	1
ENDERLIN	AM	53.7	28.0	40.9		84	30	9	11	717	0	1	18	0	2.97		1.30	20		2	5	4	2	2
FORMAN		56.2	30.7	43.5		82	30	10	12	638	0	1	15	0	5.12	3.21	3.69	19	T	0		6	2	1
FULLERTON		57.7	30.1	43.9	0.2	85	29+	9	11	627	0	1	16	0	3.03	.88	1.88	19	1.8	2	4	3	2	1
GACKLE		53.1M	29.6M	41.4M		82	29	4	11	702	0	1	18	0	1.60		.52	19+	T	0		4	2	0
GRAND RAPIDS 1 N		57.0	28.5	42.8		84	29	8	9+	662	0	0	17	0	2.45		1.41	19	T	0		3	2	1
HANKINSON R R STATION	AM	53.7	30.4M	42.1M	- 0.9	82	30	12	11+	677	0	1	15	0	2.76	.87	1.70	19		4	5	3	2	1
LISBON		56.9	29.1	43.0	0.6	81	29+	8	12	652	0	0	17	0	3.12	1.20	1.44	19	3.1	0		4	2	2
MC LEOD 3 E		57.1	31.6M	44.4M	1.0	85	30	10	11	625	0	0	15	0	3.56	1.89	2.65	19	4.0				2	1
NAPOLEON		53.8	30.0	41.9	- 0.3	82	29	5	11	686	0	1	17	0	1.22	- .15	.38	18	T	0		5	0	0
OAKES	AM	54.0	29.9	42.0	- 0.7	82	30	10	11	682	0	2	16	0	3.73	2.00	2.10	19		4	5	4	2	2
WAHPETON STATE SCHOOL		57.1	31.9	44.5	- 0.1	84	29	11	12	609	0	0	15	0	2.42	.43	1.46	19	4.0	2	4+	5	1	1
WISHEK	AM	52.0	26.9M	39.5M	- 1.9	80	30	6	11	761	0	1	21	0	1.61	.23	.69	19	3.5	3	4	3	2	0
DIVISION				42.4	- 0.5										2.75	1.05			1.6					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	4.32				.17	.13			T	.01	.05	T				T	T		.06	3.57	.33			T	T							
ADAMS 7 S	1.59								.03	.02	.01	T	T			.01			.62	.06				.84								
ALEXANDER	2.52			.06	.15	.02	.06				.06					.01	.10			.10	.58	.49	.02	.61	.23	.03						
ALMONT 7 SW	2.95				.20		T		.04		.08							.43	.22	.75	.63		.05	.53			.02				T	
AMBROSE 3 N	.98			.05	.09	T				T						.14	.32	T	.03				T	.25		.10						
AMENIA	2.88					.20			.18		.17					.01			.60	.75	.92			.03	.02							
AMIDON	1.85	.01	.10		.08		T				.02							.01	.14	.72	.13			.55	.01			.08				
ARVILLA STATE PARK	.37										.10					T	.03		.11	.07	.03			.02	.01							
ASHLEY	2.08				.02				T		T								.77	.61	.68			T							T	
BALTA	.78					T	T		.02		T					.01	.28	T	.30	.02	T			.15			T					
BANTRY	1.78					.07										.15	.07	.55	.30					.50	.14					T		
BEACH	2.41	T	.05		.10	.01	T		T		.15	T					T	T	.07	.33	.43	.09	.77	.23	.08	T	.02	.08				
BELCOURT INDIAN RES	.70								.01		.02					.14	.05		.21					.07	.20							
BELFIELD	2.77	T	T	.12	.10	T			T		.09						.08	.12	.02	.78	.56	.06	.58	.26	T							
BERTHOLD	.95				.01	.01						T				T	.16	.02	.19	.04			.04	.48								
BEULAH	1.81				.05	T			T		.17								.38	.18	.77	T		.19	.06	.01						
BISBEE	.98								T		T					.07	.11		.30	.06				.13	.31							
BISMARCK WB AP R//	1.61			T	.05	T	T		.06		.10	T				T	T	.40	.52	.10	.28			.10			T				T	
BISMARCK 12 ENE	1.37				T					.02	.16									.86	.11			.22								
BOTTINEAU	1.16					.01			.03	.01	T	T					.28	.01	.16	T			.23	.35	.08		T		T			
BOWBELLS	1.31		T	T	.07	T	.09		T	T	T	T				.11	.35	T	.07	.04	.03	.10	T	.41				.04				
BOWMAN COURT HOUSE	1.68	.40	.03	.06	.08	.02	T				T							.22	.03	.63				.21	T		T					
BOWMAN 9 SE	1.55	.43	.07				.08											.12		.64			.21									
BOWMAN 30 NNW	1.39	.10				.10														.50	.11		.40	.18								
BURT 16 N	2.04				.16												*	.43		.38	.60			.43		.04						
BUTTE	.86					.05	T									T	.15		.40	.05				.04	.17	T						
CARRINGTON	.49									.02	.12							T	.15	.13			T		.07							
CARSON NO 2	2.30	T			.26	T			.03		.04								.41	.76	.51			.29	T							
CAVALIER	1.01						T		.07		.13					.12	.01	.01	.02	.48				.06	.11							
CENTER	1.22				.10						.13							.11	.35	.22	.18			.13			T				T	
COLGATE	1.42					.03			.09		.34								.17	.51	.22			.02	.04							
COLUMBUS	.69			.03	.02	.04										.12	.23		.08					.14		.03						
COOPERSTOWN	.71					T			.04		.21					T	T	T	.14	.07	.14			.08	.03							
COURTENAY	.89								.04		.25								.22	.04	.14				.20							
CROSBY	.75			.12	.05		.02				T					.10			.10			T	T	.32	.02	.02	T					
DEVILS LAKE WB CITY R//	.74		T	T			T	T	.02		.04	T	T			.01	.08	T	.28	.04				.21	.06			T				
DICKINSON CAA AP R//	2.12	T	T	.05	.04		T		T		.10						T	.14	.05	.82	.59	T	.24	.08	T	.01	T					
DICKINSON EXP STATION	2.59	T	T		.10	.08			.01		.11	T					.01	.02	.19	.13	1.33	T		.61	T		T	T				
DONNYBROOK	.86			.02	T		.10									T	.12		.09	.03			T	.50		T						
DRAKE	.63					T	T	T			T					T	T	.13	.32	.02	T			.01	.15		T					
DUNN CENTER 2 SW	1.91				.08	.01		T			.12	.01					T	T	.12	.16	.96	.08	.01	.36								
ECKMAN 2 SE	1.21					.03			T								.12	.13	.11	.02			.19	.41	.20							
EDGELEY EXP FARM	2.17										.05								.07	1.29	.74				.02							
EDMORE 1 W	.81								.05		.07							.20	.26	T				.23				T				
ELGIN 5 S	2.66	.07		T	.12	T	T		T									.61	.10	.64	.49		.35	.28							T	
ELLENDALE	3.35	T			.15	.07		T	T		T	T							.25	2.04	.78			.03	.03							
ENDERLIN	2.97					.15						.12							.04	1.26	1.30	.05			.05							
EPPING	1.50			.13	.06		.02				T	T				.02	.05		.10	.23	.26	T		.57	.03	.02	.01					
FAIRFIELD	2.10			.10	.12		T		T		.08						.03	.10	.02	.52	.50	.02	T	.57	.01	.01	.02					
FARGO WB AP R//	1.90				.07	.06			.03		.10	T	T			.01		T	.64	.90	.09			T	T							
FESSENDEN	.60					T			T		.10						.01	.01	.16	.24			.06		.02							
FLASHER	1.66				.10					.07									.55	.34	.49			.11							T	
FLAXTON	.88		T	.10	.04	.03			T	T	T					.11	.33	T	.06	T	T			.17	.02	.02	T	T				
FORBES 13 NW	2.61				T	T											T		.25	1.52	.84		T									
FORMAN	5.12				.23	.15					T								.10	3.69	.74			T	.21							
FORT YATES	.95	T	T	.25															T	.22	.48			T								
FOXHOLM 7 N	1.15				T	.08										.03	.11		.34	T	.02		.19	.38								
FULLERTON	3.03				.16						.02								.01	1.88	.86			.02	.08							
GACKLE	1.60								.02		.10								.40	.52	.52			.02	.02							
GARRISON	1.06			T	T	.02			T		.09	T				T	T	.07	.37	.01	.22			.22	.06		T					
GLEN ULLIN 13 N	1.35										T						T	.30	.85	.20												
GOLDEN VALLEY 10 S	1.68	T	T	.03	.01												T	.25	.11	.44	.51	T	T	.33								
GRAFTON	.85								.03	.02	.05					.10	.02	.12	.09	.25				.07	.10							
GRAND FORKS CAA AP R	.64				T	.11			.01		.14	T	T			T	T	T	.08	.07	.23			T	T				T			
GRAND FORKS UNIVERSITY	.98					.09			.08		.13	T	T			.03	T	T	.07	.18	.36		T	.04	T							
GRAND RAPIDS 1 N	2.45					.02			.03		.09								.08	1.41	.64			.05	.13							
GRANVILLE	.51				T	T	T				T					T	.22		*	.06	T			.23				T				
GRASSY BUTTE 10 N	2.14					.05		T				.20						T		.20	.80		.29	.50	.10							
GRENORA	.68			.34			T									T	.04						.06	.24	T	T						
HAGUE	1.89	.01			.23				.04		.01							T	.40	.44	.76										T	
HALLIDAY	2.36			.01	.05	T					.01							.30		.64	1.10			.25							T	
HANKINSON R R STATION	2.76					.38										T			.03	1.70	.55					.09	.01					
HANNAH	.74								T		T	.03				.20	.07	.01	.12					.08	.23							
HANSBORO	1.00						T		T		T					.18	.02		.13					.58	.09							
HARVEY	.91						.04		T		.06						.12	.06	.28	.29	.06											
HETTINGER	1.85	.06		.26	.12						.06							.26	.13	.51		T	.25	.20								
HILLSBORO	1.73				T	.08			T		.40	T	T			T			.07	.43	.74			T	.01							
JAMESTOWN CAA AP R//	1.12				T	T			.05		.11	T				T	T	.03	.40	.06	.33			.10	.04						T	
JAMESTOWN STATE HOSP	1.16								.04		.03								.23	.35	.34			.03	.14							
KEENE 2 S	-			.05	.03						-			T			.05		.03	.40	.05	.02	.08	.28								
KENMARE	1.10				.04		.08										.18	T	.03		.05			.67	.05							
KENSAL WILDLIFE REFUGE	.79										.25		T						.17	.13	.17			.01	.06							
KILLDEER 8 NW	1.97			.05	.15		T				.24							T	.08	.30	.60	.10		.45								
KULM	2.13								.05	T									.24	1.20	.64											
LANGDON EXP FARM	.95								.06		.07					.17	.06	.05	.10	.07				.15	.22							
LANSFORD	.83			T	.02	T	.02		T		.02					.08	.09		.12	.04		T		.44	T							
LARIMORE	.53					T			.06		.06					T	.05	.05	.10	.11					.10							
LEEDS	1.11								.11								.22		.30	.28				.09	.11							
LEFOR 10 E	2.76	.02		.06	.15				T		.12					T	T	.50	.03	.49	.98	.04	.03	.32		.02	T				T	
LINTON	1.75	T			.16				.08		.17							.05	.48	.20	.58			.03								
LISBON	3.12				.01	.27					.05								.05	1.44	1.16			.03	.11							
LITCHVILLE	2.42					.04					.11								.17	1.40	.53			.09	.08							
LOSTWOOD 12 N	01.17			.01	.02		0.01	T	T	T	T	T				.03	.15	T	.04	.06	.15	.08	T	.56	.01	.02	.03	T				
MADDOCK AGR SCHOOL	.86								T		T					T	.05		.38	.14				T	.29							
MANDAN EXP STATION	1.51				.03				T		.08								.48	.34	.41			.17								
MANDAN FT LINCOLN PARK	1.72				.04				.04		.03					T		T	.42	.54	.38		.02	.25							T	
MARMARTH	-	-	-	-	-	-	-	-	-	-	-								.10	.63	.10		T	.39	.03			T				
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAX	1.10				T	T		T			.02	T					T	.06	.40	.03	.12			.34	.13							
MAYVILLE	.87					.07			.05		.17		T			T	T	.02	T	.45	.09			.02	T							
MC CLUSKY	.84								.04		.07					.08	.02		.29	.21				.13								
MC HENRY 5 N	.57								.02		.03						.01	.01	.15	.15	.01			.14	.05							
MC LEOD 3 E	3.56				*	.23			.03		.08								.03	2.65	.53				.01							
MC VILLE	.36								.02		.03						T	.03	.18					.07	.03	T						
MEDINA	.68								.05		.06								.18	.28	.11											
MEDORA 3 NNE	2.61	.01		T	.11	.01	T				.10						T	.05		1.21	.54	.04		.53				.01				
MEDORA 23 NNW	2.65				.15				.03		.12				.03		T		.08	.31	.89	.10	.36	.36	.22							
MINOT CAA AP	1.00			T	.02	T	.04	T	T		T	T				T	.27	.11	.08	.05		.02	.34	.07		T		T			T	
MINOT EXP STATION	1.27				.02	.03	.05	.04			T	T					.11	.06	.26	.08	.06		.02	.48	.06							
MOFFIT 4 SE	.81				.06		T		.01		.06						T	T	.26	.35	.04			.03	T		T					
MOHALL	1.04			T	T		T		T		T					.20	.24	.02	.07	T	.02	.03	T	.46		T						
MONTPELIER	2.36				T	T			.01		.09	T						T	.18	1.07	.73			T	.28		T					
MOTT	2.21	.05		.05	.17	T	T		T		T						.04	.46	.02	.48	.55		.20	.13		.03	.03				T	
MUNICH 4 SW	.78								.05		.02					.08	.12		.15	.06		T		.18	.12							
NAPOLEON	1.22				.18				.08									.18	.38	.16	.22			.02								

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	1.71	.05		.09	.04												T	.27	.02	.36	.33	.03	.32	.11	.09		T					
NEW ROCKFORD 7 WNW	-										-						.05	T	.19	.29			.04	.04	.10							
NEW SALEM 1 S	1.73	T	T		T	T	T		T		.20						T	.32	.11	.51	.48	T	T	.11		T	T	T				
NEWTOWN	1.60			T	.09		.07				.02					T	.03		.08	.23	.13	T	.07	.88	T	T						
NOONAN	1.20			.04	.18											.08	.30		.08					.52								
NORTONVILLE	2.02																		.13	1.29	.60											
OAKES	3.73					.33				.03	T	T							.02	2.10	1.05	T			.20							
PARK RIVER	1.48								.03		T					.06	.02	.08	.10	.93				T	.26							
PARSHALL	1.09			.01	.03		T				T					T		.01	.06	.26	.15	.01	.06	.50				T				
PEMBINA 2 N	1.14															.22	.20			.34					.38							
PETERSBURG	.56								.06		.04					.01	.01	.04	.10	.17				.02	.11							
PETTIBONE	.67								.01		.29					.02	T	T	.16	.19				T								
PINGREE	.82								T		.17						T		.18	.27	.13				.07							
PORTAL	.84			T	.29		.05		T		T					T	.33	T	.07					.03	.05	.02						
POWERS LAKE 1 N	1.38				.04											T	.03		.05	*	*	*	*	1.26	T							
PRETTY ROCK	2.49	.02		T	.06	.04	.03							T		T	T	.50	.41	.13	.50	T	.40	.40						T		
RAUB 10 SSW	2.74				.11						.05					.12	.07	T	.20	1.13	.50	.01	.10	.45							T	
REEDER	2.15	.05	T	.11	.15						.02							.30	.06	.81	.08	.13	.34	.05		.05		T				
REEDER 14 N	1.42	T		.02	.06	T					T								.12	.73	T		T	.33	.07			.09				
RICHARDTON ABBEY	2.36	T		.04	.17		T	T			.12					T	T	.27	.13	.47	.81	.04	T	.27	.02	.01	.01				T	
RIVERDALE	.79				.08	T		T	T		.10					T	T	.04	.38	T	.13		.03	.03	T	T	T					
ROLLA	.73						T	T	T		.04					.15	.10		.19					.12	.12	.01						
RUGBY	.80					.01			.06							.04	.14	.02	.29	.02				.03	.16	.03						
RYDER	1.95				.05		.03			T			T				.04		.17	.43			.07	1.16								
SAN HAVEN	.67								.03		.02	T				.14	.08		.14					.03	.17	T			.06			
SCRANTON	1.74	.29	T	.10	.10		T	T			T						T	.26	.05	.74	T	T	.20				T				T	
SELFRIDGE 11 W	1.57	.15			.32				T										.15	.30	.50			.15							T	
SENTINEL BUTTE 20 S	2.23	.22	.06	.14	.04					.06								T		1.03	.10		.40	.12	.06							
SHARON	.61					T			.05		.10						.05	.03	.16	.11				.06	.05							
SHERWOOD 3 N	1.65			.03	.08	.03					T					.23	.52	.09	.06			.04		.54		T		.03				
SHIELDS	1.78	.02			.18						.02							.40	.30	.25	.53			.08								
STANLEY	.88			T	.04	T	T										.04		.05	.02		.03		.68		.02						
STEELE	.93						T		T		.15				T	T	T		.22	.52	.02			.02								
SYKESTON	.57								T		.07					T	T		T	.43				.02	.05							
TAGUS	1.46			T	.07	T	.04										.25		.15	.12				.78	.05							
TIOGA 1 E	1.68			T	.05	T	.09										.03	T	.06	.03	.54	.06		.74	.08							
TOLLEY 4 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOWNER	1.25								T		T					.12	.21		.34					.58		T						
TROTTERS 6 SE	1.92		T		.04		T		T	.07							T	T	.04	1.05	.03	T	.62	.07	T							
TURTLE LAKE	.88					T	T		T		.10	.01				.02	.06	T	.42	.05				.20		.02						
TUTTLE	1.00						T		.04		.17						.20		.04	.40	.02			.13								
UNDERWOOD	.92					.02			.02		.12						T		.58	.02	.02		T	.03	.11							
UPHAM 3 N	.60					T	T		T		T					.11	.11		.15					.23								
VALLEY CITY	2.38				T				.03		.12								.14	.87	.53			.27	.42							
VELVA	1.19			T		.02	.02	T			T						.03	.08	.42	.06	.06			.37	.13		T					
VERONA	3.12				.02				.02		.05								.04	1.46	1.23			.21	.09							
WAHPETON STATE SCHOOL	2.42				.22	.12			.05		.04	T							.10	1.46	.41			.02	T							
WALHALLA	1.00								.03							.35			.05	.17				.40								
WARWICK	-					T			T		T					.08	.12		-	-				.19								
WASHBURN	.86										.10							.04	.40	.15				.17								
WATAUGA S DAK 8 N	2.14	T		T	.35													.40	.40	.07	.47			.45								
WATFORD CITY	2.14				.20		.02				.12						.05	.05	.13	.48	.27	.07	.04	.67	.04							
WATFORD CITY 14 S	2.43	T		.01	.10					T	.26						.09	.03	.02	.75	.30	.04	.11	.62	.09	.01						
WESTHOPE	1.04					.03										.23	.30		.08					.40		T						
WILDROSE	.77			.07	.15												.20		.10		.03			.22								
WILLISTON WB CITY R//	1.69			.17	.05		.01				.01					.01	.06	.11	.04	.58	.07	T	.38	.11	.08	.01						
WILLISTON EXP FARM	2.07			.18	.13		.04										.09		.13	.42	.33		T	.57	.07	.11						
WILLOW CITY	.73					T			T		T					.13	.16		.22	.06				.16								
WILTON	.77							.02			.06								.34	.14	.02			.17	.02							
WISHEK	1.61	T			.20					T	.03	T	T					T	.09	.69	.59			.01								
WOODWORTH 5 E	.55								T		.30							.10	*	.15												
ZAHL	.94			.12	.15	.01	.03				.01					.01	.08		.07			.01		.36	.07	.02						

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1957

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	38	41	37	36	47	45	45	42	47	37	22	38	46	53	64	49	40	50	43	58	66	73	67	60	54	60	63	74	80	77		51.7
	MIN	26	14	25	27	25	23	20	28	16	21	5	12	14	23	37	32	23	32	36	36	37	50	50	42	39	35	35	39	48	50		30.0
AMENIA	MAX	44	42	50	45	48	39	41	45	42	40	32	38	38	50	54	54	53	61	54	53	61	79	76	69	69	67	67	77	84	82		55.1
	MIN	21	16	25	26	26	26	19	19	16	28	9	13	20	21	34	29	31	37	44	40	34	44	46	47	36	34	33	39	43	45		30.0
AMIDON	MAX	48	34	33	32	35	46	43	45	40	48	28	22	36	44	55	60	40	36	42	41	49	61	69	64	72	51	56	62	72	72		47.9
	MIN	25	20	21	25	24	25	23	29	18	23	8	6	12	21	33	32	20	31	34	32	37	46	49	41	39	32	33	41	47	48		29.2
ARVILLA STATE PARK	MAX	40	42	51	44	45	40	42	48	42	40	29	37	38	53	48	46	51	49	49	58	62	84	79	71	69	62	66	81	87	90		54.8
	MIN	22	11	26	28	25	24	15	14	13	18	7	14	19	15	26	33	30	32	38	38	22	46	40	41	34	30	20	35	41	46		26.8
ASHLEY	MAX	43	41	44	39	45	41	46	50	45	36	25	38	44	52	66	58	54	64	51	58	64	75	67	65	64	61	65	73	79	77		54.3
	MIN	24	15	20	25	22	18	15	20	12	23	6	8	11	20	36	28	31	39	42	39	32	50	52	43	32	32	31	39	39	49		28.4
BEACH	MAX	48	34	34	34	36	48	41	46	41	49	29	20	35	46	56	61	43	39	47	37	51	65	65	65	58	49	54	61	72	78		48.1
	MIN	29	22	23	25	24	29	19	25	16	22	4	4	13	23	33	29	23	26	32	32	35	30	41	41	37	31	32	37	42	46		27.5
BELCOURT INDIAN RES	MAX	41	34	43	43	44	44	38	37	37	37	22	32	35	51	50	40	44	43	48	58	58	70	68	57	55	51	58	74	79	82		49.1
	MIN	23	7	27	28	28	26	12	18	9	15	3	12	13	12	33	31	23	31	34	36	26	40	49	46	34	27	25	36	36	37		25.9
BELFIELD	MAX	37	34	34	38	49	46	47	41	49	40	22	39	44	56	61	43	46	40	40	53	65	70	67	60	52	55	63	76	79	76		50.7
	MIN	27	21	28	24	20	22	15	28	15	21	4	6	18	29	29	32	19	31	35	31	32	42	42	39	37	33	32	36	41	41		27.7
BEULAH	MAX	42	40	43	42	39	50	40	46	42	47	33	25	37	45	55	63	40	45	47	42	59	67	70	68	63	55	60	64	76	84		51.0
	MIN	22	18	19	29	28	18	18	21	17	20	4	3	9	13	24	28	28	31	33	37	35	39	45	52	39	31	30	34	38	42		26.8
BISBEE	MAX	32	36	45	40	44	36	31	40	35	30	25	34	40	52	49	40	47	43	48	58	60	73	63	59	57	54	60	80	81	82		49.1
	MIN	20	14	27	30	28	27	19	16	10	20	5	17	18	18	33	31	23	32	35	36	30	41	50	47	36	32	27	34	42	47		28.2
BISMARCK WB AP	MAX	42	44	41	43	46	42	45	45	47	36	26	38	46	54	65	48	45	53	44	59	69	74	70	64	58	62	66	77	83	79		53.7
	MIN	22	18	28	29	26	20	23	22	15	15	7	11	16	20	39	26	34	38	40	38	34	54	49	43	37	34	34	33	38	48		29.7
BOTTINEAU	MAX	42	36	35	44	44	46	37	39	36	42	30	25	38	45	53	42	40	48	43	48	60	63	70	61	56	52	53	60	76	81		48.2
	MIN	25	10	21	30	27	26	15	22	8	21	4	7	16	21	33	32	23	33	35	37	33	40	53	48	33	31	24	34	40	43		27.5
BOWBELLS	MAX	42	36	39	38	50	44	44	48	42	40	23	38	46	55	50	49	44	42	40	59	63	69	63	55	50	51	58	73	79	77		50.2
	MIN	23	17	30	28	25	29	16	22	11	18	2	10	11	19	33	31	28	32	33	31	31	39	49	46	37	31	25	35	41	42		27.5
BOWMAN COURT HOUSE	MAX	47	31	33	34	42	40	43	43	44	43	27	36	45	53	60	58	39	39	39	50	66	69	66	58	58	55	60	71	75	75		50.0
	MIN	27	19	25	24	18	26	24	30	20	22	8	5	15	22	30	32	20	30	34	32	36	46	47	39	36	29	30	34	40	44		28.1
BUTTE	MAX		45	49	41	41			46	40	43	33	25			55	58	37	45	45			69	71	63	63	56			76	81		51.5
	MIN		13	20	30	29			19	13	23	4	10	16			31	25	31	36			35	50	46	34	33			27	50		27.4
CARRINGTON	MAX	42	38	39	43	38	45	40	40	39	40	32	24	35	40	52	60	39	48	45	44	57	64	78	64	63	60	59	63	75	82		49.6
	MIN	20	12	15	27	25	22	21	19	12	16	3	5	15	18	33	31	30	31	35	37	38	48	46	42	36	30	29	33	44	48		27.4
CARSON NO 2	MAX	38	37	43	37	36	47	46	43	42	50	32	34	37	43	54	63	46	38	51	40	65	67	73	68	62	56	59	64	73	80		50.8
	MIN	20	14	24	29	22	24	19	27	15	26	5	6	7	18	35	29	28	31	35	36	35	48	49	47	41	32	32	43	46	50		29.1
CAVALIER	MAX	40	36	48	48	44	40	39	39	40	37	25	35	36	53	49	42	48	48	51	58	58	75	76	67	63	57	60	77	80	85		51.8
	MIN	20	14	27	28	24	29	18	20	15	22	10	18	24	19	30	32	29	33	37	37	40	45	45	48	40	32	28	37	46	47		29.8
CENTER	MAX	35	42	39	39	45	42	44	42	43	40	23	35	43	54	62	56	44	54	46	58	67	73	70	63	56	61	61	72	80			51.3
	MIN	20	14	27	29	28	29	23	25	13	22	2	7	10	15	35	26	28	31	35	35	30	45	49	40	37	30	31	32	42	45		27.8
COOPERSTOWN	MAX	38	40	47	45	45	42	41	38	40	39	29	35		51	54	54	49	47	47	57	62	78	75	63	65	62	63	76	84	83		53.4
	MIN	23	14	28	28	25	24	17	19	12	26	5	10		15	34	30	31	35	39	38	31	47	47	45	38	30	28	36	41	42		28.9
CROSBY	MAX	32	38	38	38	50	40	43	41	41	39	24	37	44	55	53	46	46	42	48	57	66	69	66	62	55	53	61	76	81	82		50.8
	MIN	23	21	30	25	25	21	19	19	17	11	5	12	15	24	24	32	24	33	34	32	32	38	50	42	37	33	28	38	48	45		27.9
DEVILS LAKE WB CITY	MAX	34	38	45	38	45	36	39	38	39	31	23	34	38	51	52	39	47	43	47	57	62	76	63	61	60	57	61	76	83	83		49.9
	MIN	21	14	29	30	28	22	22	20	12	11	6	14	16	24	35	31	28	33	37	38	34	49	49	45	38	33	29	41	45	50		29.5
DICKINSON CAA AP	MAX	36	36	33	35	51	42	43	41	49	32	21	38	45	54	62	39	37	41	38	52	65	68	65	59	53	56	63	75	79	75		49.4
	MIN	23	19	27	25	23	23	17	20	14	11	5	7	14	18	32	23	22	31	33	31	36	45	44	39	33	32	32	39	43	44		26.8
DICKINSON EXP STATION	MAX	45	37	39	35	39	51	42	46	41	50	30	21	37	44	56	62	40	38	43	39	55	67	61	66	60	51	57	64	74	79		49.0
	MIN	27	20	21	26	25	24	16	24	14	22	5	6	10	20	30	30	19	30	30	33	35	43	45	42	39	31	32	37	37	44		27.2
DRAKE	MAX	45	36	38	41	42	46	41	42	39	43	34	27	40	47	54	58	35	45	43	44	59	67	71	61	62	57	59	69	76	82		50.1
	MIN	25	16	18	31	30	23	18	25	12	16	5	6	13	19	36	30	27	29	36	36	34	48	50	48	32	34	28	34	45	49		28.4
DUNN CENTER 2 SW	MAX	39	38	40	38	37	48	38	48	38	46	28	21	35	43	55	58	40	41	46	39	55	65	65	65	59	54	59	61	72	79		48.3
	MIN	23	18	22	27	25	25	20	28	20	24	4	6	15	21	30	32	25	32	34	36	35	43	46	45	39	35	36	36	44	46		29.1
ECKMAN 2 SE	MAX	45	34	38	45	41	49	41	42	40	38	31	27	40	47	55	47	41	46	42	49	60	64	70	61	59	53	51	60	76	83		49.2
	MIN	25	15	16	26	28	29	18	22	10	15	4	6	13	17	24	32	28	28	34	34	32	31	45	45	35	33	25	29	39	40		25.9
EDGELEY EXP FARM	MAX	45	43	41	47	37	47	48	46	49	46	38	28	41	44	52	66	55	49	61	47	57	65	75	66	66	68	65	68	76	81		53.9
	MIN	22	15	19	28	25	23	19	25	14	23	7	9	15	17	31	27	33	33	41	40	31	42	49	44	36	31	37	43	49	49		29.2
EDMORE 1 W	MAX	39	35	48	43	44	39	38	39	39	37	25	34	37	50	49	44	48	45	46	45	60	75	68	63	61	51	60	75	81	83		50.0
	MIN	26	15	28	29	26	26	18	20	13	20	7	13	15	21	32	32	21	32	32	32	32	42	47	43	47	32	27	37	37	42		28.1
ELLENDALE	MAX	42	44	48	45	46	47	44	48	47	44	36	39	45	53	66	63	53	67	56	58	66	76	70	67	69	63	70	76	82	80		57.0
	MIN	28	18	22	26	26	25	18	22	16	20	10	10	17	20	39	33	34	39	44	41	34	47	52	45	38	33	38	38	41	45		30.6
ENDERLIN	MAX	48	45	43	50	36	38	45	44	45	45	39	28	38	42	53	58	53	53	67	49	58	63	77	65	68	69	63	68	77	84		53.7
	MIN	23	11	20	28	25	27	20	20	14	21	9	10	18	14	18	27	32	33	38	39	30	44	41	47	37	33	35	39	44	44		28.0
FAIRFIELD	MAX	37	35	35	36	47	38	43	39	45	34	18	33	43	52	60	45	39	43	40	50	63	63	63	58	50	55	60	71	78	75		48.3
	MIN	24	17	18	24	23	21	19	27	19	15	0	7	18	20		32	23	31	31	32	34	45	48	40	33	32	33	43	49	45		27.7
FARGO WB AP	MAX	43	42	49	37	41	42	40	43	41	34	27	36	36	51	52	48	52	67	54	57	62	78	66	70	71	63	68	78	85	83		53.9
	MIN	24	17	26	29	27	27	18	17	14	17	10	11	18	20	36	29	35	38	45	40	35	49	53	48	43	35	34	44	49	49		31.2
FESSENDEN	MAX	38	41	45	43	50	44	45	42	45	40	28	41	47	55	58	60	50	46	46	62	60	77	67	67	62	60	65	78	83	83		54.3
	MIN	22	15	32	30	27	21	20	20	11	23	5	11	14	21	25	30	31	35	38	38	30	50	58	44	30	31	21	36	45	42		28.5
FORMAN	MAX	45	42	50	43	41	44	41	43	44	42	32	39	40	54	62	60	53	70	57	61	64	78	74	66	70	64	68	75	81	82		56.2
	MIN	30	17	19	26	25	23	20	24	15	28	11	10	17	20	35	30	33	38	46	40	33	50	48	44	41	34	36	40	40	48		30.7
FORT YATES	MAX	39	39	43	41	41	43	47	42	50	50	38	26		42	52	61	54	45	56	44	60	67	75	69	68	62		68	71	81		52.6
	MIN	23	16	21	27	30	24	18	26	24	24	9	8		11	38	30	33	35	41	39	22	49	52	43	45	33		37	44	50		30.4
FOXHOLM 7 N	MAX	35	37	47	40	50	48	43	41	41	41	20	37	45	55	55	49	45	44	45	60	65	67	65	61	59	55	62	76	83	83		51.8
	MIN	21	13	32	29	29	26	17	22	12	18	5	12	13	15	34	32	30	32	32	35	26	41	47	43	37	33	23	39	40	50		27.9
FULLERTON	MAX	45	42	50	41	49	48	44	48	47	45	28	40	45	55	66	60	52	67	64	59	68	78	75	67	69	65	69	76	85	85		57.7
	MIN	25	17	21	27	25	24	17	20	14	26	9	10	17	17	37	30	33	37	44	40	31	47	60	46	36	33	37	39	42	43		30.1
GACKLE	MAX	44	41	46	41	44	46	44	40	46	42	23	36	44	54	55	52	46	52	46	57		76	68	68	64	62	64	76	82	81		53.1
	MIN	21	14	27	28	24	21	24	21	13	21	4	11	14	21	42	27	26	36	39	39		50	50	39	38	32	38	43	44	52		29.6

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	41	37	38	39	37	47	39	43	39	43	31	25	39	45	58	60	38	42	46	46	58	65	68	65	66	52	58	62	75	81		49.4
	MIN	25	17	20	29	30	26	23	27	15	22	4	7	15	22	36	30	26	32	34	36	35	45	51	41	37	33	29	35	42	44		28.9
GRAFTON	MAX	42	36	48	48	45	43	40	46	40	40	28	35	39	50	47	43	50	48	50	57	59	77	73	66	63	60	61	77	81	85		52.6
	MIN	27	15	27	29	27	30	19	18	14	21	11	16	21	20	31	33	32	33	39	39	29	45	40	46	36	32	27	35	43	43		29.3
GRANO FORKS CAA AP	MAX	38	40	50	39	42	39	38	44	38	32	26	36	37	49	45	44	53	51	51	56	60	80	72	68	67	61	63	77	86	87		52.3
	MIN	21	14	28	29	26	23	18	19	15	25	10	15	20	21	33	30	32	36	43	36	34	48	48	47	37	32	26	40	44	47		29.9
GRANO FORKS UNIVERSITY	MAX	39	38	48	42	44	40	40	44	40	36	27	36	37	47	45	44	51	52	51	57	61	80	71	70	69	62	65	78	83	85		52.7
	MIN	29	13	27	29	26	26	17	21	15	24	9	13	20	21	36	30	32	33	41	39	34	47	48	48	36	31	28	39	44	46		30.1
GRANO RAPIOS 1 N	MAX	45	43	52	43	48	48	45	45	44	44	33	40	46	55	65	49	54	62	56	58	67	78	72	68	69	69	68	78	84	83		57.0
	MIN	25	15	22	29	26	20	13	17	8	27	8	8	13	13	37	25	33	38	43	40	30	45	49	46	35	29	38	35	43	44		28.5
GRANVILLE	MAX	39	39	44	42	50	42	42	41	43	37	25	39	46	56	56	41	47		46	62	65	71	66	62	56	56	63	73	84	83		52.3
	MIN	22	14	32	31	30	25	18	25	12	18	5	11	15	20	36	32	25		34	35	32	42	52	46	40	33	27	37	48	47		29.1
GRENORA	MAX	39	38	37	40	53	49	46	42	43	40	25	38	46	56	59	49	45	43	47	59	69	68	69	62	55	42	62	76	82	82		52.0
	MIN	24	22	30	25	30	26	16	28	26	17	1	8	12	21	36	32	30	32	35	30	33	38	49	42	36	28	32	38	41	43		28.7
MANKINSON R R STATION	MAX	47	46	45	49	30	37	41	39	45	45	38	38	38	43	51	53	55	54	69	54	58	61	78	63	69	73	65	70	76	82		53.7
	MIN	27	18	19	24	25	22	22	21	17	23	12	12	17		21	34	33	35	36	40	33	33	46	50	40	36	40	45	50	50		30.4
MANNAM	MAX	40	33	44	40	45	40	38	36	37	36	23	34	36	51	46	39	46	43	50	57	58	73	68	68	58	51	56	75	80	83		49.5
	MIN	23	12	27	29	28	25	17	23	11	18	6	14	13	20	32	32	25	32	35	34	31	44	46	45	36	31	25	38	39	44		27.8
HANSBORO	MAX	36	35	45	40	43	35	42	36	40	31	24	35	38	53	47	37	47	42	48	59	61	71	65	63	59	51	57	78	84	84		49.5
	MIN	22	12	27	28	28	26	15	23	12	15	5	14	16	19	32	31	25	32	35	34	31	42	49	45	34	30	25	35	42	48		27.7
METTINGER	MAX	33	35	33	34	43	41	43	45	47	34	24	36	43	53	61	54	34	42	43	52	66	74	64	60	54	60	60	72	76	72		49.6
	MIN	28	21	26	27	20	28	23	25	20	24	10	8	15	23	31	26	20	32	35	34	36	50	48	42	34	31	31	37	42	48		29.2
MILLSBORO	MAX	41	41	48	40	42	42	41	45	41	39	27	36	38	47	48	48	52	52	54	56	60	79	79	69	70	65	68	72	84	83		53.6
	MIN	26	16	28	27	26	29	19	19	15	27	9	11	21	21	33	34	31	36	43	39	32	49	45	49	38	32	31	40	52	43		30.7
JAMESTOWN CAA AP	MAX	42	42	49	37	49	46	43	42	43	36	26	39	44	54	63	47	50	50	46	60	66	77	66	65	66	61	66	76	84	83		53.9
	MIN	21	15	28	28	26	23	20	18	14	14	6	12	17	18	33	30	33	36	40	36	31	46	49	44	36	31	33	41	47	45		29.0
JAMESTOWN STATE HOSP	MAX	39	39	46	42	46	43	41	42	41	39	24	39	41	52	61	55	49	50	46	56	63	75	68	64	61	62	66	77	84	83		53.1
	MIN	23	15	27	29	26	30	21	21	15	24	6	12	17	18	36	32	33	36	40	40	33	48	51	47	40	33	34	40	45	42		30.5
KENMARE	MAX	44	32	35	41	40	50	38	43	37	43	28	24	37	45	52	50	40	45	40	42	58	63	70	63	57	48	54	61	75	82		47.9
	MIN	22	11	18	29	25	28	12	29	13	12	3	5	12	19	34	31	30	32	33	31	29	40	46	41	38	34	26	38	42	49		27.1
KENSAL WILOLIFE REFUGE	MAX	40	43	45	44	50	48	43	45	46	40	31	41	42	52	63	62	50	46	45	61	63	78	73	65	66	64	68	78	84	82		55.3
	MIN	17	14	28	29	25	22	18	18	13	27	5	10	17	20	35	29	32	35	40	39	28	47	49	45	41	31	25	38	49	45		29.0
LANGOON EXP FARM	MAX	33	34	43	40	48	40	39	37	39	36	28	34	38	51	49	40	47	45	47	61	59	73	70	59	59	55	59	75	80	83		50.0
	MIN	23	11	26	28	26	23	16	21	9	22	5	12	14	18	31	31	21	32	35	34	32	46	43	44	34	30	26	37	39	43		27.1
LARIMORE	MAX	42	38	48	45	45	42	42	44	40	40	30	34	38	50	49	49	50	49	48	58	62	80	70	69	67		61	78	85	87		53.1
	MIN	28	14	28	29	21	28	18	19	16	25	8	14	19	28	33	35	33	35	39	40	30	41	42	42	39	31	25	40	49	50		30.0
LEEOS	MAX	38	36	45	42	47	42	41	38	41	35	25	38	40	53	51	49	49	43	48	59	63	73	66	61	59	58	61	76	83	83		51.4
	MIN	22	13	29	29	27	23	19	22	11	21	5	11	12	18	33	32	26	32	35	36	36	44	46	46	38	32	23	42	42	53		28.6
LINTON	MAX	46	45	43	40	45	48	46	48	49	42	29	40	47	55	67	57	50	51	52	60	69	77	69	66	63	63	67	78	83	81		55.9
	MIN	26	11	25	28	27	18	19	24	20	28	8	7	10	21	35	28	34	40	42	40	34	53	54	43	33	27	31	30	33	46		29.2
LISBON	MAX	49	44	49	49	42	45	44	43	46	43	33	39	41	53	59	60	53	66	66	58	62	78	77	66	69	69	66	75	81	81		56.9
	MIN	21	15	16	28	25	25	17	21	11	28	9	8	15	14	36	24	33	38	44	40	28	47	46	49	37	32	36	40	45	46		29.1
LOSTWOOO 12 N	MAX	44		38	36	48	57	41		42	42	22	35	44	53	50	51	43	45	38	58	62	67	66	61	58	53	62	75	81	81		51.9
	MIN	21		29	26	24	28	13	26	10	9	0	6	9	19	34	30	24	31	31	33	29	40	47	41	36	30	23	38	44	44		26.7
MAOOOCK AGR SCHOOL	MAX	42	40	46	43	49	45	43	40	43	36	30	40	44	55	58	52	50	45	48	60	64	75	66	60	60	60	65	77	85	85		53.5
	MIN	23	14	31	30	27	23	13	21	10	10	5	10	14	19	30	32	30	34	31	37	32	45	48	45	39	33	26	33	44	41		27.7
MANOAN EXP STATION	MAX	45	40	43	41	41	44	43	46	46	48	32	25	37	44	54	64	47	44	53	46	59	70	74	68	64	59	61	61	76	82		51.9
	MIN	23	17	22	29	28	20	26	29	15	25	5	10	16	18	37	27	32	35	38	38	33	52	52	42	40	35	35	35	41	49		30.1
MANOAN FT LINCOLN PARK	MAX	42	45	43	43	48	45	47	46	50	44	34	36	47	55	66	63		54	48	60	70	76	73	67	65	66	67	73	83	82		56.5
	MIN	22		24	27	26	18	22	25	22	22	3	7	14	16	37	34	37	38	36	38	32	51	49	47						47		28.9
MARMARTH	MAX											33	24	39	48	58	62	42	37	45	41	50	70	71	67	60	51	57	62	73	80		
	MIN											11	6	15	27	30	31	18	31	34	34	37	42	50	41	37	31	27	31	37	40		
MAX	MAX	45	36	39	42	32	46	38	42	38	45	33	25	38	45	53	57	38	43	43	40	57	65	65	64	60	52	59	63	75	80		48.6
	MIN	25	16	20	28	29	24	20	26	13	21	2	5	10	20	29	29	25	31	33	35	34	39	47	44	36	31	31	36	41	45		27.5
MAYVILLE	MAX	42	37	50	45	43	40	41	42	40	39	26	37	39	49	50	49	50	63	60	56	62	80	72	68	63	58	66	77	84	84		53.7
	MIN	23	15	26	27	26	28	18	19	15	22	8	14	18	22	32	33	32	35	48	40	29	48	47	48	39	31	26	40	48	51		30.3
MC CLUSKY	MAX	34	39	41	41	44	42	43	40	43	38	25	39	44	53	59	54	44	46	44	58	66	73	67	63	59	60	60	76	82	80		51.9
	MIN	24	14	28	28	27	22	20	18	13	16	1	10	16	19	34	30	27	33	34	34		46	50	44	35	30	34	34	40	45		27.8
MC MENRY 5 N	MAX	40	38	45	40	45	43	41	38	41	35	28	38	40	50	58	53	47	45	45	56	63	79	69	63	64	60	65	78	84	84		52.5
	MIN	21	12	28	28	24	25	18	21	10	23	5	10	14	22	33	31	30	33	37	37	30	46	48	43	33	29	28	37	41	46		28.1
MC LEOO 3 E	MAX	46	45	50	43	43	41	43	44	45	41	34	40	43	53	55	58	54	70	65	63	62	80	76	68	70	68	70	76	83	85		57.1
	MIN	25		20	25	26	23	19	24	15	28	10	13	16	20	35	28	34	37	49	40	35	46	59	50	48	42	34	40	45			31.6
MC VILLE	MAX	38	39	47	42	41	41	39	38	40	37	25	35	37	50	52	53	49	46	46	56	62	79	67	63	63	59	63	76	83	83		51.6
	MIN	23	13	29	29	26	25	16	19	12	23	6	11	15	25	34	32	30	34	38	39	29	48	47	44	36	31	25	37	42	42		28.7
MEOORA 3 NNE	MAX	48	37	38	39	50	43	47	43	51	45	26	39	46	58	62	58	42	49	44	52	68	67	67	65	59	57	64	75	80	78		53.2
	MIN	28	23	31	25	17	22	14	31	11	23	7	2	7	15	30	28	16	34	34	32	39	39	51	43	40	28	26	32	33	36		26.6
MINOT CAA AP	MAX	35	37	43	38	47	38	41	39	42	34	25	38	45	53	54	37	43	41	44	58	64	68	63	59	51	57	62	76	81	80		49.8
	MIN	21	15	31	29	31	24	19	21	15	13	4	11	18	28	35	32	27	32	35	36	36	47	48	42	37	34	30	44	46	54		29.8
MINOT EXP STATION	MAX	44	37	38	42	38	48	38	40	38	47	31	24	38	44	54	55	38	45	40	43	58	66	69	63	60	51	56	61	76	80		48.7
	MIN	20	14	22	29	29	25	19	24	13	22	3	8	14	23	31	32	25	31	33	35	35	43	51	41	39	33	29	38	44	51		28.5
MOFFIT 4 SE	MAX	41	45	44	42	45	43	42	46	47	47	29	37	43	53	62	63	46	50	50	58	68	75	73	67	63	62	67	76	82	80		54.9
	MIN	24	18	23	28	24	16	18	22	15	25	7	12	11	19	38	24	33	38	39	40	31	53	51	36	31	28	27	33	39	44		28.2
MOHALL	MAX	40	36	44	41	49	46	41	39	43	33	23	39	45	54	52	44	47	44	47	59	63	70	67	57	56	53	62	78	83	83		51.3
	MIN	25	17	31	30	25	20	18	22	12	18	4	11	15	16	35	32	31	33	34	30	30	40	50	45	33	32	25	35	40	42		27.7
MOTT	MAX	36	39	35	35	48	43	45	44	49	38	25	39	46	54	62	53	37	43	43	54	67	75	67	60	54	60	65	75	79	75		51.5
	MIN	23	18	24	26	23	20	16	27	12	25	6	3	7	15	28	25	17	31	35	33	31	44	47	38	35	26	29	32	32	44		25.7
MUNICH 4 SW	MAX	36	32	39	32	42	36	32	31	34	34	20	31	38	44	41	36	41	39	44	53	54	67	64	58	57	53	61	76	81	81		46.2
	MIN	18	6	21	24	26	24	10	14	4	11	- 2	6	10	13	27	25	19	25	29	28	25	37	41	48	29	24	20	36	41	44		22.8

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	44	42	42	41	45	45	45	44	45	42	28	37	43	52	63	57	45	54	48	57	65	75	68	64	61	62	65	75	82	78		53.8
	MIN	25	16	25	26	22	20	19	24	15	26	5	10	14	21	39	27	32	38	39	39	32	56	52	45	35	33	35	39	42	49		30.0
NEW ENGLAND	MAX	35	34	34	35	47	42	43	41	49	42	26	39	46	53	61	57	35	41	41	52	67	70	65	60	56	58	62	73	78	74		50.5
	MIN	24	19	26	25	22	24	20	30	13	15	6	5	11	18	30	34	18	31	30	32	31	44	48	42	39	31	29	38	33	41		27.0
NEW SALEM 1 S	MAX	39	47	39	37	45	42	45	45	47	37	23	37	48	52	64	51	41	45	45	58	65	72	67	62	58	60	64	75	80	79		52.3
	MIN	19	13	26	27	25	23	23	28	14	17	3	7		17	36	31	28	31	35	33	35	50	48	42	40	30	34	40	47	50		29.4
NEWTOWN	MAX	41	38	41	40	50	42	45	42	45	43	25	38	46	54	62	59	44	43	42	57	66	66	65	60	54	57	63	76	81	80		52.2
	MIN	25	18	31	27	23	26	18	27	14	21	2	10	13	20	37	31	29	33	35	35	33	38	45	41	39	33	29	38	39	47		28.6
OAKES	MAX	46	42	42	49	32	43	46	42	44	44	37	28	38	44	53	62	58	52	68	51	57	66	76	70	67	70	65	69	76	82		54.0
	MIN	28	17	21	29	25	24	19	22	16	22	10	11	17	18	36	29	33	33	40	40	32	51	49	48	36	35	35	39	41	41		29.9
PARK RIVER	MAX	41	37	48	47	46	43	40	44	38	40	32	35	40	52	45	44	50	50	48	58	60	76	76	65	63	60	62	77	82	84		52.8
	MIN	26	13	26	29	28	30	18	25	15	22	9	15	21	21	28	34	30	34	37	38	34	45	44	44	42	34	29	42	45	52		30.3
PARSHALL	MAX	38	38	42	39	48	47	44	39	44	40	24	39	46	53	61	59	43	45	42	58	65	65	65	62	55	58	62	75	81	81		51.9
	MIN	22	15	31	28	23	20	16	28	13	20	2	8	10	20	36	31	24	32	34	35	33	38	48	38	40	32	25	40	36	42		27.3
PEMBINA 2 N	MAX	38	38	46	46	44	40	35	35	36	36	34	35	35	47	51	43	51	50	47	56	60	76	77	72	64	62	55	76	79	88		51.7
	MIN	23	13	28	27	28	27	15	15	12	21	10	10	20	17	28	30	29	31	36	35	29	45	52	46	35	34	30	40	40	41		28.2
PETERSBURG	MAX	38	35	46	42	42	39	38	43	38	34	24	34	37	49	47	47	48	45	46	55	59	78	70	63	62	57	63	75	82	82		50.6
	MIN	25	14	27	28	26	27	18	20	13	21	6	13	16	21	32	33	30	32	37	38	32	48	47	43	36	31	28	39	40	46		28.9
PETTIBONE	MAX	42	40	43	42	45	40	40	42	42	40	25	33	42	52	61	56	46	47	45	50	64	77	69	64	63	61	64	75	82	80		52.4
	MIN	23	14	27	29	25	20	23	20	10	23	2	6	15	20	35	30	30	35	37	30	36	53	50	43	38	29	29	36	41	47		28.5
PORTAL	MAX	42	38	37	37	37	49	37		42	41	24	24	38	52	55	43	43	45	40	56	62	66	68	65	55	60	52	68	76	84		49.5
	MIN	24	18	27	28	24	28	20		13	18	3	9	14	20	31	31	28	32	32	33	34		48	42	37	30	26	34	40	49		27.6
POWERS LAKE 1 N	MAX	30	35	36	38	48	38	41	42			20	36	43	52	56	40	41	43	42	57	65	67	64		50	53	63	74	80	80		49.4
	MIN	21	15	15	25	20	17	14		12		-1	5	7	16	34	30	21	27	33	33	30	41	50		35	29	25	35	36	40		24.6
RAUB 10 SSW	MAX				37	49	40	46	40	45	39	24	37	43	55	62	56	43	48	42	57	65	71	71	61	52	58	64	76	81	81		53.4
	MIN				28	25	27	22	24	15	22	3	9	15	23	38	29	28	33	36	37	37	44	45	41	37	32	33	42	45	50		30.4
RICHARDTON ABBEY	MAX	38	39	36	34	47	44	45	40	49	44	25	37	44	53	61	57	38	42	42	54	65	70	66	63	57	52	64	74	79	77		51.2
	MIN	25	16	27	26	25	28	20	29	17	22	3	8	19	21	35	51	26	30	34	34	34	47	49	42	40	31	34	37	45	46		29.4
RIVERDALE	MAX	41	40	39	40	37	45	40	42	39	43	31	24	33	42	53	58	37	43	47	41	56	66	70	66	60	53	57	62	74	81		48.7
	MIN	26	16	19	29	29	24	24	27	17	22	4	7	16	23	30	31	30	32	33	31	33	41	48	43	39	33	31	38	44	46		28.9
ROLLA	MAX	37	34	43	42	44	46	38	35	38	31	22	33	36	52	40	37	45	41	48	58	58	69	63	57	56	52	58	75	81	82		48.4
	MIN	23	12	28	29	30	23	15	19	12	12	4	14	17	20	32	31	26	31	34	34	33	42	48	42	33	30	26	37	44	51		27.7
RUGBY	MAX	40	36	44	42	47	44	41	39	41	40	23	38	42	53	51	49	47	46	48	60	63	73	72	58	59	56	61	78	83	83		51.9
	MIN	25	14	25	31	30	25	19	25	12	23	5	11	15	21	31	26	28	33	38	37	35	46	50	48	40	33	22	39	42	46		29.2
SAN HAVEN	MAX	38	33	42	42	46	40	38	34	39	37	22	35	37	50	46	39	45	42	46	59	60	71	68	55	55	52	56	75	79	82		48.8
	MIN	25	11	28	31	29	28	16	23	10	15	3	12	16	21	32	31	26	32	35	38	34	45	52	46	32	30	27	35	45	46		28.5
SHARON	MAX	40	39	47	42	45	42	40	40	39	36	26	36	37	50	52	50	50	46	46	50	60	78	68	64	65	60	63	75	83	83		51.7
	MIN	25	13	27	27	25	25	17	18	13	25	6	10	15	28	32	32	31	34	38	38	30	48	45	43	37	30	25	38	41	45		28.7
STANLEY	MAX	39	35	40	38	48	40	43	38	44	39	26	36	45	53	59	48	42	42	42	58	66	68	64	58	54	55	60	75	80	79		50.5
	MIN	23	16	30	27	25	23	17	26	13	15	1	10	14	14	33	30	25	32	34	34	30	42	50	47	36	31	29	37	42	41		27.6
STEELE	MAX	45	44	44	42	46	45	45	44	45	46	29	38	44	54	64	48	46	53	55	59	68	77	68	66	68	68	67	76	87	81		55.4
	MIN	19	14	24	29	25	22	21	21	10	25	4	8	15		32	28	31	37	37	35	31	54	50	40	40	29	30	34	40	48		28.7
TIOGA 1 E	MAX	43	34	36	37	39	48	37	42	37	43	28	17	37	47	53	59	41	46	45	41	55	63	68	63	56	46	55	63	75	80		47.8
	MIN	25	18	20	27	23	30	18	25	15	20	2	5	12	12	27	32	24	29	34	33	33	39	43	40	35	31	29	36	40	48		26.8
TOWNER	MAX	44	38	44	46	44	45	43	42	42	41	27	41	46	55	51	52	48	45	51	62	58	74	60	62	55	55	62	78	84	84		52.6
	MIN	23	12	30	30				27	9	20	4	9	12	20	30	32	20	34	38	37	33	34	48	37	36	34		37	43	48		28.3
TURTLE LAKE	MAX	37	39	40	40	45	42	43	40	44	40	23	39	45	54	59	55	44	46	43	58	66	71	69	63	58	59	64	75	83	81		52.2
	MIN	24	14	28	28	27	22	23	24	14	20	2	9	14	20	25	29	26	30	35	35	32	45	50	43	37	33	28	36	43	42		27.9
UNDERWOOD	MAX	40	37	40	40	37	45	40	43	40	44	32	23	39	45	55	60	37	43	46	42	59	66	72	66	67	62	63	67	75	82		50.2
	MIN	25	16	18	28	28	22	23	25	14	22	3	7	14	21	34	30	29	32	34	34	33	41	50	42	40	39	32	32	35	46		28.3
UPHAM 3 N	MAX	41	38	48	43	48	44	42	41	44	43	29	40	47	57	51	47	48	44	47	60	65	68	68	60	59	57	62	78	85	87		53.0
	MIN	26	13	32	31	27	25	16	24	9	21	4	9	12	18	34	32	23	34	37	35	30	40	51	47	35	32	24	35	39	44		28.0
VALLEY CITY	MAX	42	41	50	46	46	46	42	41	43	43	33	37	37	52	60	58	53	55	53	58	63	79	75	65	67	65	65	74	85	82		55.2
	MIN			29	27	25		20	22	15	31	7	12	19	22	35	30	33	36	43	39	29	49	45	46	40	34	31	41	45	45		31.5
VELVA	MAX	48	37	41	45	39	48	40	43	41	45	33	27	40	46	57	58	38	45	42	45	61	66	70	64	62	55	59	63	77	84		50.6
	MIN	20	12	21	31	31	21	19	26	12	23	5	9	13	20	37	33	21	28	36	36	30	47	51	45	41	35	27	38	42	47		28.6
WAHPETON STATE SCHOOL	MAX	50	44	50	47	40	44	43	45	44	42	34	42	45	51	52	57	55	68	62	58	62	76	75	70	74	69	70	76	84	83		57.1
	MIN	27	17	25	26	25	24	21	25	15	29	12	11	16	20	35	29	34	36	51	41	35	47	51	52	42	35	36	43	48	50		31.9
WASHBURN	MAX	40	40	41	48	45	45	41	40	45	43	26	39	46	55	63	60	45	43	46	60	67	75	74	64	62		65	75	82	80		53.6
	MIN	25	18	30	30	23	26	25	22	17	22	7	12	16	22	38	31	32	32	37	37	34	48	52	44	40		32	38	42	42		30.1
WATFORD CITY	MAX	39	38	40	39	52	49	47	39	47	41	26	38	47	55	61	51	45	48	43	59	65	69	67	63	55	58	63	74	82	81		52.7
	MIN	26	23	31	30	22	27	16	30	16	20	3	8	12	22	36	34	21	33	33	35	34	39	50	42	37	32	33	34	43	47		29.0
WATFORD CITY 14 S	MAX	44	40	40	39	52		48	41	47	45	27	37	46	57	65	61	45	50	49	57	67	67	67	66	57	59	65	75	82	82		54.4
	MIN	23	22	32	26	23		25	31	16	28	2	3	11	25	36	30	25	33	34	35	33	39	50	42	37	32	31	31	37	47		28.9
WESTHOPE	MAX	37	35	44	43	52	40	42	40	44	32	26	39	45	54	40	41	40	43	50	60	63	72	61	57	52	54	59	78	84	84		50.4
	MIN	20	14	29	29	29	22	17	25	9	9	3	8	12	19	32	30	29	32	33	31	31			43	32	30	24	33	36	44		25.2
WILLISTON WB CITY	MAX	37	38	39	39	51	42	46	39	44	37	25	39	46	55	60	43	44	45	40	58	66	69	65	59	47	57	64	75	81	80		51.0
	MIN	28	25	30	29	24	25	21	24	23	15	5	12	16	28	39	32	26	35	35	36	41	40	53	44	37	38	34	40	46	47		30.9
WILLISTON EXP FARM	MAX	41	37	36	37	49	48	44	41	43	39	23	36	43	54	61	56	45	42	42	55	65	66	65	62	55	55	64	73	80	81		51.3
	MIN	24	21	28	22	22	27	16	26	11	18	0	8	12		33	29	22	29	31	33	33	33	48	39	32	30	28	36	36			26.0
WILLOW CITY	MAX	40	37	44	41	50	46	42	38	42	40	25	40	43	54	42	40	44	45	50	62	65	72	70	59	60	55	61	77	82	83		51.6
	MIN	20	10	30	29	28	24	16	20	10	19	4	9	13	15	34	31	23	32	36	35	28	38	50	45	34	31	24	25	33	36		26.1
WILTON	MAX	36	42	38	38	42	42	40	42	42	32	24	32	42	52	55	55	42	46	44	58	65	72	66	62	56	58	62	78	82	78		50.8
	MIN	24	15	27	28	25	24	20	24	14	22	2	8	22	20	35	28	30	31	34	34	32	48	49	41	38	32	32	36	48	45		28.9
WISHEK	MAX	47	40	40	43	40	44	47	44	45	44	35	26	37	44	50	64	54	46	60	46	58	63	75	65	63	62	60	64	73	80		52.0
	MIN	24	15	18	25	21	20	18	24	14	23	6	7	12	17	32	23	32	33	41	41	25		52	45	32	29	31	35	45	41		26.9

Table 6

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.09	.07	.08	.07	.08	.05	.09	.03	.09	.04	*	*	*	.32	*	*	.05	.00	.00	.08	.11	.09	.07	.09	.15	.13	.12	.26	.22	.27		2.65
	WIND	52	44	61	60	66	58	41	62	75	87	139	107	59	44	62	55	38	64	74	75	50	55	61	78	88	104	45	71	40	45		1960
DICKINSON EXP STATION (A)	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.15	.14	.21	.16	.09	.14	.16	.24		-
	WIND	70	190	180	110	60	40	60	70	120	100	150	115	25	70	170	140	80	100	130	120	120	160	135	165	150	160	100	60	80	100		3330
EDGELEY EXP FARM	EVAP	-	*	.23	.11	.08	.10	*	.23	*	.11	*	*	*	.34	.20	.17	.10	.02	.11	.15	.15	.22	.20	.07	.29	.24	.22	.21	.38	.31		4.39B
	WIND	-	146	49	95	178	127	116	84	102	63	120	120	70	61	107	87	110	90	100	184	100	127	91	110	146	92	97	88	147	72		3185B
MANDAN EXP STATION (A)	EVAP	-	.05	.04	.07	.07	.05	.05	.06	.11	-	*	*	*	.34	.14	.14	.09	.02	.03	.01	-	.08	.07	.09	.22	.17	.16	.12	.20	.19		2.75B
	WIND	67	193	79	165	266	100	142	95	191	56	250	146	144	18	173	124	145	132	143	191	77	256	135	165	205	109	104	66	106	83		4126
RIVERDALE	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.07	.07	.04	.05	.08	.19	.21	.08	.20	.05	.16	.17	.23	28		-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	91	88	72	81	226	140	189	153	155	77	87	109	73		-
WILLISTON EXP FARM	EVAP	.20	-	-	-	.07	.13	.08	.18	-	-	-	-	-	.31	.27	.18	.14	-	.05	.10	.22	.15	.15	.30	.22	.26	.25	.30	.33	.38		-
	WIND	158	152	133	54	40	105	69	187	84	184	204	102	37	112	178	148	84	81	154	72	135	71	143	260	247	186	121	134	90	88		3813

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

Table 7

SNOWFALL AND SNOW ON GROUND

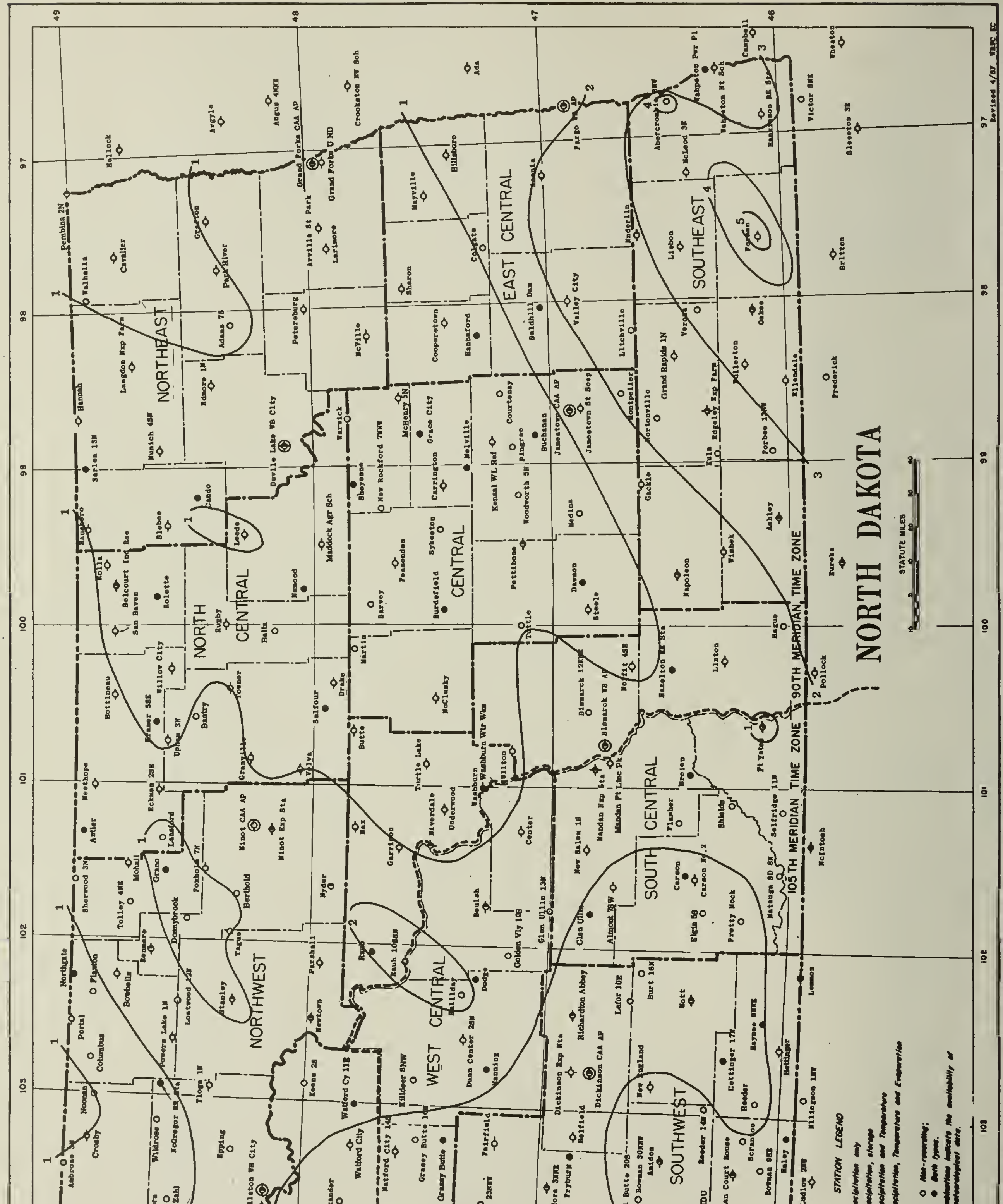
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL				2.5		T		.5		1.0							4.3	1.5													
	SN ON GND				1													.2														
AMENIA	SNOWFALL					2.0					2.0																					
	SN ON GND																															
AMIDON	SNOWFALL	T	T		T		T				T							T	T													
	SN ON GND	T	T		T	T					T							T	T													
ASHLEY	SNOWFALL				.5				T		T																					
	SN ON GND																															
BEACH	SNOWFALL	T			1.0				T		1.5	T																				
	SN ON GND	T			1	-	-				2	-																				
BELCOURT INDIAN RES	SNOWFALL								.3		.5						T		.5													
	SN ON GND										T	T	T																			
BEULAH	SNOWFALL				T	T					2.0																					
	SN ON GND																															
BISMARCK WB AP	SNOWFALL			T	.4	T	T		.5		1.3	T							T													
	SN ON GND				T				T		1	T																				
BOTTINEAU	SNOWFALL					.1			.3	.1	T	T					1.0	.1														
	SN ON GND	T	T	T		T			T		T	T					1															
BOWBELLS	SNOWFALL		T	T	T	T	T					T																				
	SN ON GND																															
BUTTE	SNOWFALL					T	T										T			T												
	SN ON GND					T	T										T															
CARSON NO 2	SNOWFALL				2.0				T		1.0								3.0													
	SN ON GND				2	1	T		T		1								T													
CAVALIER	SNOWFALL										1.5																					
	SN ON GND										T	T																				
CENTER	SNOWFALL				1.0						T								2.0													
	SN ON GND				T						T																					
CROSBY	SNOWFALL			T	T		T				T																					
	SN ON GND																															
DEVILS LAKE WB CITY	SNOWFALL		T	T			T	T	T		.3	T	T				.5	T	T													
	SN ON GND							T			T							T	T													
DICKINSON CAA AP	SNOWFALL	T	T	.5	.4		T		T		1.0							1.4	T		5.3											
	SN ON GND		T	T	1	1					1	T	T						1		2											
DUNN CENTER 2 SW	SNOWFALL				1.0	T		T			3.5	T																				
	SN ON GND				1						3	2	2	T																		
EDMORE 1 W	SNOWFALL								T		T																					
	SN ON GND																															
FAIRFIELD	SNOWFALL			T	T				T		T							T			T											
	SN ON GND			T	T																											
FARGO WB AP	SNOWFALL				1.2	.6			T		1.0	T	T																			
	SN ON GND					2					T																					
	WTR EQUIV					.1																										
FESSENDEN	SNOWFALL										1.0																					
	SN ON GND										1	1																				
FORMAN	SNOWFALL				T	T																										
	SN ON GND																															
FORT YATES	SNOWFALL		T																													
	SN ON GND																															
FULLERTON	SNOWFALL				1.6						.2																					
	SN ON GND				2																											
GRAFTON	SNOWFALL								T	T	T																					
	SN ON GND																															
GRAND FORKS CAA AP	SNOWFALL				T	1.4			T		1.0	T	T																			
	SN ON GND				T	1						1																				

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GRAND RAPIDS 1 N	SNOWFALL					T																										
	SN ON GND																															
GRANVILLE	SNOWFALL				T	T	T				T						.5															
	SN ON GND																															
HANSBORO	SNOWFALL						T		T		T						T		T													
	SN ON GND										T																					
HETTINGER	SNOWFALL	T		–	–						T							–														
	SN ON GND	T		2	2	T	T	T			T	T	T					2														
JAMESTOWN CAA AP	SNOWFALL				T	T			T		1.1	T																				
	SN ON GND					T					1	T																				
KENSAL WILDLIFE REFUGE	SNOWFALL										6.0																					
	SN ON GND										2	1																				
LANGDON EXP FARM	SNOWFALL								.5		.6							.5	.5													
	SN ON GND								T		1	T																				
MAX	SNOWFALL				T	T		T			T	T					T		T													
	SN ON GND				T						T	T					T		T													
MAYVILLE	SNOWFALL					1.0			T		4.0		T																			
	SN ON GND					T					2	1	T																			
MC CLUSKY	SNOWFALL								T		.5																					
	SN ON GND																															
MC HENRY 5 N	SNOWFALL								T		.5							T														
	SN ON GND										T																					
MINOT CAA AP	SNOWFALL			T	T	T	.4	T	T		T	T				T	T	T	T													
	SN ON GND				T	T	T		T			T																				
MOHALL	SNOWFALL				T		T		T		T						2.0															
	SN ON GND				T																											
MOTT	SNOWFALL			.3	.7						T							3.0														
	SN ON GND			T	1													3														
MUNICH 4 SW	SNOWFALL								1.0		T								T													
	SN ON GND								1																							
NAPOLEON	SNOWFALL				T				T																							
	SN ON GND																															
PARSHALL	SNOWFALL			T	T		T				T																					
	SN ON GND																															
PETERSBURG	SNOWFALL										T																					
	SN ON GND																															
PETTIBONE	SNOWFALL										6.0																					
	SN ON GND										3	3	3																			
RIVERDALE	SNOWFALL				.5	T					1.0						T		.5													
	SN ON GND				1						1						T		1													
SHARON	SNOWFALL					T			T		1.0																					
	SN ON GND					T					T	T																				
STANLEY	SNOWFALL			T	T	T	T										–		–	–												
	SN ON GND																															
WAHPETON STATE SCHOOL	SNOWFALL				2.5	1.5						T																				
	SN ON GND				2	2	1																									
WATFORD CITY	SNOWFALL				T						1.5																					
	SN ON GND																															
WILLISTON WB CITY	SNOWFALL			1.3	.5		.1				.1						T	T		T												
	SN ON GND			T	1	T						T					T															
WILLOW CITY	SNOWFALL					T			T		T						1.5															
	SN ON GND																															

See reference notes following Station Index.

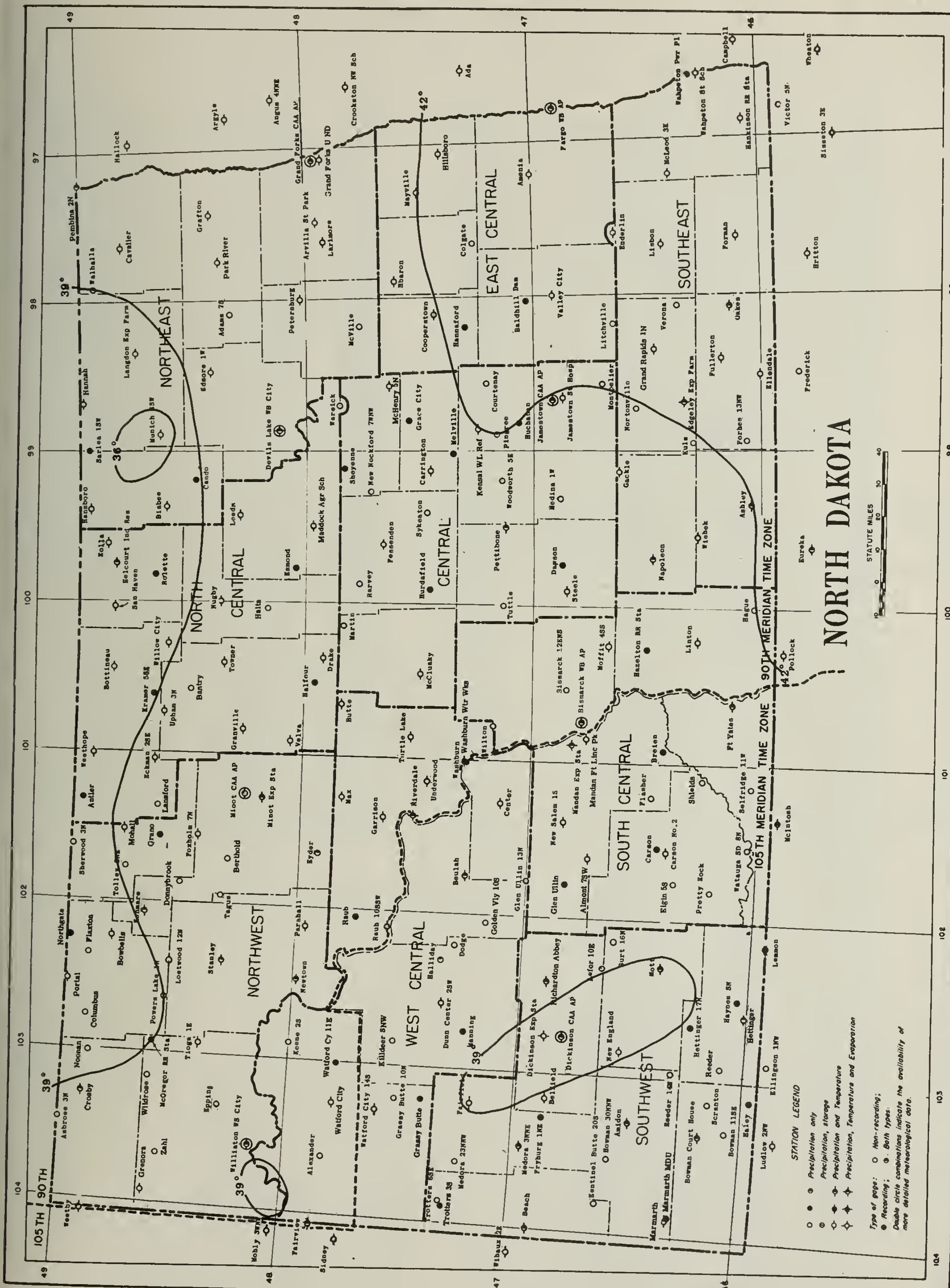
TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

APRIL 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	1564		6P	Myron J. Bate	5
Alexander	0088	McKenzie	13	47 50	105 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 45	101 38	2300	7P	7P	Bogan Sameland	2 5 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 26	2027		5P	U.S. Border Station	5
Amenia	0188	Cass	11	47 00	97 13	880	68	88	Virgil L. Gebeke	2 3 6 7
Amidon	0209	Slope	1	46 29	103 18	2810	6A	6A	Fred Fleener	2 3 5 7 C
Antler	0265	Bottineau	12	46 86	101 20	1540		MIO	W. S. Wegner	C
Arvilla State Park	0389	Grand Forks	10	47 56	87 30	860	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0362	McIntosh	8	46 02	99 22	2001	66	68	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	88 02	1300		MID	Corps of Engineers	C
Balfour	0462	McHenry	12	47 67	100 32	1815		MIO	Raymond E. Meller	C
Balta	0500	Pierce	11	46 10	100 02	1350		6P	Anton Schmaltz	3
Bantry	0318	McHenry	12	48 30	100 38	1458		6A	Temple E. Roberte	3
Beach	0590	Golden Valley	7	46 66	104 01	2814	8A	8A	Belen Tobian	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	8	48 80	88 46	1860	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0659	Stark	4	46 53	103 11	2565	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	46 19	101 44	2060		8P	Joseph S. Cox	3
Beulah	0788	Mercer	6	47 18	101 47	1760	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 57	69 22	1800	8P	8P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1850	M10	MIO	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 SNE	0827	Burleigh	6	46 51	100 33	1706		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 60	100 27	1840	6A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0881	Burke	12	48 48	102 13	1953	3P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0865	Bowman	3	46 11	105 23	2880	6P	3P	O. B. Hook	2 3 5 C
Bowman 9 SE	0988	Bowman	3	46 05	103 18	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Bannon	3
Breien	1052	Morton	1	46 24	100 56	1720		RIO	Frank S. Potter	C
Buchanan	1124	Stutsman	5	47 04	88 48	1372		RIO	W. H. Hendrickson	C
Burt 16 N	1218	Hettinger	1	46 38	102 08	2344		8P	Jacob Gruehele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 5 5 7
Cando	1288	Towner	2	46 28	66 12	1481		M10	Harry E. Barrie	C
Carrington	1380	Foster	5	47 27	98 08	1588	8A	8A	Andree C. Beinitz	2 5 5
Carson	1385	Grant	4	48 25	101 34	2300		M10	Vincent Muggli	C
Carson No. 2	1370	Grant	4	48 25	101 34	2310	6A	6A	Wm. O. Drummond	2 5 5 7
Cavalier	1435	Pembina	9	46 46	97 36	686	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	6	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 5 5 7
Colgate	1668	Steele	10	47 14	97 36	1180		8P	John P. Burchill	3
Columbus	1898	Burke	12	46 54	102 47	1930		6P	J. O. Sundell	3
Cooperstown	1786	Griggs	11	47 28	66 07	1428	5P	5P	Deland M. Rarnoo	2 3 5
Courtenay	1816	Stutsman	5	47 13	88 34	1523		6P	G. B. Banaealt	3
Crosby	1871	Divide	12	48 54	103 18	1652	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	6	46 52	96 45	1730		MIO	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	46 07	98 52	1471	RIO	MIO	U.S. Weather Bureau	2 3 5 8 7 C
Dickinson CAA AP	2183	Stark	4	48 47	102 48	2585	M10	MIO	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	48 63	102 46	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	8	47 16	102 12	1858		M10	Thendor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2296	McHenry	12	47 35	100 22	1834	6A	6A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	8	47 20	102 36	2232	7A	7A	Chesley R. Dickson	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	46 39	101 01	1485	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2462	La Moure	3	48 20	68 42	158B	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2523	Ramsey	2	48 25	68 26	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 48	2241		8P	Art A. Eelinger	3
Ellendale	2805	Dickey	5	46 00	68 31	1480	6P	6P	Paul Grese	2 3 5
Enderlin	2865	Ransom	11	48 37	87 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	89 48	1850		MIO	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 3 7
#Fargo WB Airport	2856	Cass	10	46 54	88 46	665	MIO	M10	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2946	Wells	5	47 38	96 37	1620	6P	8P	Emil E. Huet	2 3 3 7
Flasher	3009	Morton	1	46 27	101 14	1830		6A	George R. Sinclair	3
Flaxton	3019	Burke	12	46 34	102 23	1940		8P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	48 04	88 58	1966		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 08	97 39	1246	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	6	46 08	100 36	1840	3P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1808	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MIO	John Syminow	C
Fullerton	3287	Dickey	3	46 10	86 25	1436	6P	6P	F. O. Alie	2 3 5 7
Gackle	3308	Logan	5	46 36	98 06	1951	6P	8P	Alvin Bummel	2 3 3
Garrison	3378	McLean	8	47 36	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3488	Morton	4	46 49	101 46	2090		MIO	Frederick J. Anhore	C
Glen Ullin 13 N	3501	Mercer	8	47 00	101 47	2221		8P	LaVere Schillieg	3
Golden Valley 10 S	3526	Mercer	8	47 10	102 03	1670		8P	Robert B. Backfisch	3
Grace City	3583	Foster	5	47 33	86 48	1485		RIO	Ida Boederud	C
Grafton	3564	Walsh	10	46 25	67 25	827	3P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3818	Grand Forks	10	47 68	67 05	832	M10	MIO	U.S. Civil Aero Adm	2 3 6 7 C
Grand Forks University	3621	Grand Forks	10	47 55	67 05	830	M10	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Nese	2 3 5 7
Grano	3878	Renville	12	48 37	101 35	1825		M10	Robert Oecker	C
Granville	3886	McHenry	12	48 18	100 51	1504	7P	7P	Fred Noble	2 3 5 7
Grassy Butte	3666	McKenzie	7	47 24	103 14	2880		MIO	Ralph Beiser	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2487		8A	Edsel G. Crist	3
Grenora	3738	Williams	6	46 37	103 56	2114	6P	8P	L. O. Wieleon	2 3 5
Hague	3826	Emmons	6	46 02	100 00	1696		5P	Peter Kocher	3
Haley	3836	Bowman	3	45 56	103 08	2651		MIO	Betty J. Krinke	C
Halliday	3846	Dunn	8	47 21	102 20	2048		8P	John Grinnell	3
Hankinson H R Station	3808	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3826	Griggs	11	47 18	86 12	1426		MIO	Helen Benson	C
Hannah	3838	Cavalier	9	48 59	68 41	1570	6P	8P	U.S. Customs Office	2 3 5
Hansboro	3883	Towner	8	48 57	68 23	1600	7P	7P	Charles E. Oieher	2 3 5 7
Harvey	4013	Wells	11	47 46	69 55	1585		8P	Stephen Schreder	3
Haynes 8 NNE	4073	Adams	1	46 05	102 28	2572		MID	John R. Lee	C
Hazelton E H Station	4083	Emmons	8	46 29	100 17	1676		M10	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	8P	8P	Fred O. Forthun	2 3 5 7
Hettinger 17 W	4188	Adams	1	46 15	102 36	2810		MIO	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	87 04	801	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	69 55	1818		MID	Ruth Kuchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	96 41	1492	MIO	MIO	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4416	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 58	2348		6P	Kenneth V. Berget	3
Kenmare	4848	Ward	12	48 40	102 05	1600	8A	6A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 18	68 52	1451	8P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davie	3
Kramer 5 SE	4623	Bottineau	12	48 39	100 37	1457		MIO	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		8P	John Kroshl	3
Langdon Exp. Farm	4856	Cavalier	9	46 45	96 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louie Schaefer	3
Larimore	5013	Grand Forks	10	47 55	87 38	1134	5P	5P	Nels B. Hugee	2 3 5
Leeds	5076	Benson	2	46 17	68 26	1515	8P	8P	Clarence McCormack	2 3 3
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Joseph Liek	3
Linton	5210	Emmons	6	48 18	100 14	1685	6P	6P	Leonard P. Malone	2 3 3
Lisbon	5220	Ransom	11	48 28	97 42	1066	5P	8P	N.D. Soldiers Home	2 3 6
Litchville	5230	Barnes	11	46 39	88 11	1487		8P	Melvin Rörvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2260	8P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 56	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 84	1750	8A	6A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	6	46 45	100 52	1874	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	8	47 14	102 46	2218		MIO	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	8P	6P	CLOSED - - - - -	4/10/57
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	6A	E. B. Jestnes	2 3 5 C
Martin	5810	Sheridan	11	47 80	100 07	1810		5P	Elroy E. Keeeler	3
Max	5636	McLean	8	47 49	101 18	2063	8A	6A	R. B. Schafer	2 3 8 7
Mayville	5660	Traill	10	47 30	87 19	978	6P	8P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	8P	Elmer L. Schielke	2 3 8 7
McGregor E E Station	5720	Williams	8	48 38	102 88	-		MIO	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 36	96 38	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	98 10	1467	6P	6P	Robert O. Getz	2 3 5
Medina	5798	Stutsman	5	48 83	89 19	1788		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 88	103 30	2260	8P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 56	2123		7A	Archie E. McAdoo	3
Melville	5855	Foster	3	47 20	89 02	1625		MIO	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	46 13	101 17	1722	M10	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5893	Ward	12	46 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5 C
Moffit 4 SS	6015	Burleigh	8	46 40	100 14	1780	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1858	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 55	1379		8P	Wolf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	86	68	Forrest S. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1596	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6256	Logan	6	46 30	99 48	1958	8P	8P	Warren Wentz	2 5 3 7 C
New England	6315	Hettinger	1	48 33	102 52	2621	8P	6P	Anton Selinger	2 5 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6363	Morton	4	46 60	101 25	2185	8P	6P	William F. Gaebe	2 3 5
Newtown	6365	Mountrail	8	47 58	102 29	1903	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	46 33	105 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		M10	U.S. Customs Sta.	C
Nortonville	6585	La Moure	5	46 33	98 44	1508		8P	Henry L. Erickson	3
Oakes	6620	Dickey	3	46 06	96 05	1320	8A	6A	E. Carrie Murray	2 5 5 C
Park River	6657	Walsh	10	48 23	97 45	866	3P	3P	Martin Severson	2 5 3
Parshall	6867	Mountrail	8	47 57	102 08	1828	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6647	Pembina	10	46 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	46 01	98 00	1524	8P	8P	Marvin Broton	2 5 5 7
Pettibone	7047	Kidder	6	47 07	68 31	1655	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	3	47 10	88 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	48 00	102 53	1854	9A	9A	U.S. Customs Serv.	2 5 5
Powers Lake 1 N	7261	Burke	8	46 34	102 56	2205	7P	7P	Herbert J. Clark	2 5 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		8P	Freda Lear	3
Raub	7405	McLean	6	47 44	102 04	1865		MIO	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1856	8P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2764		8A	Chas. M. Metzinger	3
Richardton Abbey	7550	Stark	4	46 53	102 19	2470	5P	3P	Assumption Abbey	2 3 3 C
Riverdale	7565	McLean	8	47 30	101 21	1650	6A	6A	Corps of Engineers	2 3 5 6 7 C
Rolette	7855	Rolette	12	48 40	66 50	1650		RIO	Henry Johnson	C
Rolla	7884	Rolette	2	46 52	66 37	1616	7P	7P	Theo. B. Fagerlund	2 5 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 5 5
Ryder	7748	Ward	8	47 55	101 40	2108		8P	S. C. Schellenbeum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	8P	6P	Stanley Oneling	2 3 5
Sarles 1 SW	7844	Towner	6	46 56	96 00	1602		M10	David E. Madland	C
Scranton	7832	Bowman	3	46 08	103 09	2776		6P	Frank Tims	3
Selfridge 11 W	7652	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7978	Golden Valley	7	46 37	103 46	2662		7P	G. E. Bury	3
Sharon	7688	Steele	10	47 36	97 54	1518	6P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 36	1647		8P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	88 07	1480		MIO	Alvin B. Kennedy	C
Shields	6085	Grant	1	46 14	101 07	1806		8P	James W. Hodenbaugh	3
Stanley	8278	Mountrail	8	48 18	102 24	2280	7P	7P	H. S. Evans	2 3 5 7 C
Steele	8366	Kidder	6	46 51	98 55	1857	8P	6P	Steele Ozone Press	2 3 5
Sykeston	6608	Wells	3	47 26	86 24	1634		4P	Edward Sondag	3
Tagus	8827	Mountrail	12	48 20	101 58	2178		6P	W. E. Ellingboe	3
Tioga 1 E	8737	Williams	8	46 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8784	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	6792	McHenry	12	48 21	100 24	1462	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8607	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MIO	John O. Nellermoe	C
Turtle Lake	6840	McLean	8	47 31	100 53	1898	8P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 06	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 06	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	6813	McHenry	12	46 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 3
Valley City	6837	Barnes	11	46 55	88 00	1229	6P	8P	Miss I. C. Robertson	2 3 5
Velva	6990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	8035	La Moure	5	48 22	68 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	8085	Richland	10	46 17	86 36	882		M10	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	48 16	96 36	862	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	46 55	87 55	650		8P	Felix A. Gastonguay	3
Warwick	6165	Benson	11	47 51	96 42	-		6P	Virgil B. Johnson	3
Washburn	6195	McLean	8	47 17	101 02	1770	8P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	6205	McLean	8	47 17	101 02	1730		MIO	Washburn Waterworks	C
Watauga, S.D. 6 W	9218	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 46	103 17	2084	6P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	8238	McKenzie	8	47 47	103 02	2130		MIO	Ida Peterson	C
Watford City 14 S	6246	McKenzie	7	47 38	103 17	1870	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	6333	Bottineau	12	48 55	101 01	1506	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	46 38	103 10	2258		6P	Jonathan Winkjer	5
# Williston WB City	8425	Williams	6	48 08	103 37	1677	MIO	R10	U. S. Weather Bureau	2 3 5 7 C
Willow City	6445	Bottineau	12	48 38	100 17	1471	8P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 06	100 48	2171	6P	8P	Edwin Peterson	2 3 5
Wishek	6513	McIntosh	8	46 18	96 34	2010	5A	6A	J. M. Bellerud	2 3 5
Woodworth 5 N	8575	Stutsman	3	47 09	99 12	1671		6P	John Kohrer	3
Zahl	8635	Williams	8	48 34	103 41	2000		6P	Ola Severtson	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	86 47	935		6P	Belmer Amundsen	3
Williston Exp Farm	8430	Williams	8	46 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 8

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

MAY 1957
Volume LXVI No. 5

THE LIBRARY OF THE
JUL 1 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

May weather was fine for getting spring work done and for the growth and development of crops. Spring planting was practically completed. Crops progressed rapidly.

May began with mild weather. A number of stations registered their highest temperatures for the month on the 1st or 2d. Cold air flowed into the State beginning about the middle of the first week. Many stations registered their lowest temperatures for the month on the 4th or 5th. The 6th and 7th were mild, but were followed by a few days of cool weather. Some stations registered their monthly minimum temperatures on the 9th. Another brief mild spell continued from the 10th to 14th. The next cool spell lasted, with minor interruptions, from the 19th to 24th. The last few days were warm. Temperatures dropped to freezing or slightly below on several nights over most of North Dakota. The lowest temperature for the State, 21°, occurred at Arvilla State Park on the 4th and at Wishek on the 5th. The highest temperature for the State, 88°, occurred at Grenora on the 30th. Monthly mean temperatures ranged from 51.9° at Wishek to 57.5° at Pembina 2 N. Monthly mean temperatures were mostly above the long-term means over the northern two-thirds of the State and slightly below the long-term means over the southern third. Temperature departures ranged from -2.4° at Mott to +3.5° at Crosby.

There were few rainy days in May. The most important rains fell on the 2d, 3d, 20th, or 21st. Many stations received half-inch rains on those dates. Numerous stations over the southern two-thirds of the State received lesser amounts on a few other dates. Monthly totals ranged from 0.71 inch at Noonan to 6.84 inches at Tuttle. Most stations over the northwestern fourth of the State received less than two inches of rain during May. Numerous stations over the south central and southeastern divisions received more than three inches. A few scattered stations received more than five inches. Few stations over the northwest received more than their long-term averages. Most stations over the south central and southeastern divisions received more than their long-term means and a few stations received more than twice their long-term means.

The important farm activities during May centered around getting small grain seed into the ground and planting corn, soybeans, sugar beets and potatoes. Cool windy weather slowed outdoor work on a few days. Although the cool weather during the third week retarded root development, crops, pastures, and ranges grew rapidly during most of the month. The slow soakers from the 19th to 22d improved the soi moisture. Cattle and calves gained weight rapidly on the increased range and pasture feed. Supplemental feeding became unnecessary. Ewe improved on the abundant grass and weeds. A the end of May, crops were in excellent condition. Some western and central areas wer ready for more rain but crops were not suffering.

Lucius W. Dye
Climatologist
Weather Records Processing Cente
Kansas City, Missouri

STORMS

At 5:20 p.m. on May 1, a tornado was observe in northeastern Burleigh County. (This stor was erroneously reported in the April 1957 Climatological Data as having occurred on April 1. No serious damage was reported but the funne was seen to touch the ground four times. Thi tornado is one of the earliest ever observe in North Dakota. Twenty-five minutes late another tornado was observed about two mile east of the first tornado. At Tuttle abou ten miles east of these tornadoes, 4.15 inche precipitation fell between 6:00 p.m. and 9:0 p.m. The heavy rain covered an area about sixteen miles in diameter. A small amount of property and crop damage by hail and washing rai accompanied these storms. A heavy hailstor occurred in Ward County, east of Kenmare, o May 1st. Some windows were broken and windshields damaged. During the evening of May 2 wind and hailstorms caused some damage in southwestern North Dakota. In central Grand County, wind, rain and hail caused some damage. Bridge and culverts were washed out and three head o cattle were drowned. Very heavy hail fell ove a small area in Morton County just across th river from Bismarck, but no damage was reported although 3.90 inches of rain was measured a Fort Lincoln, with two inches of hail on th ground. Much heavier hail fell over a small area in the vicinity, but no damage was reported because it fell on pasture land. Considerable drifting soil and blowing dust wer reported on the 25th, mostly in the northwester part of the State.

F. J. Bavendick
State Climatologist
U. S. Weather Bureau
Bismarck, North Dakot

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
BISMARCK WB AIRPORT	E	13	13.3	47	NW	25	76	82	46	45	7	4	4	2	0	0	17	58	5.6
DEVILS LAKE WB CITY	-	-	9.6	30	NW	26	-	80	47	42	3	1	6	0	0	0	10	69	5.2
FARGO WB AIRPORT	ESE	15	15.2	49	NW	26	65	73	46	43	5	3	5	1	0	0	14	71	5.3
WILLISTON WB CITY	-	-	8.6	29	NW	25	-	74	42	39	1	4	1	1	0	0	7	69	5.5

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation								
											No. of Days								Snow, Sleet			No. of Days	
											Max.		Min.										
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST OIVISION																								
BOWBELLS		67.9M	39.5	53.7M		85	30	27	9	347	0	0	3	0	1.85		.70	21	.0	0		3	2	0
CROSBY		70.5	42.3	56.4	3.5	87	30	33	10+	267	0	0	0	0	1.07	- .57	.63	21	.0	0		3	1	0
FDXHOLM 7 N		71.5	39.6	55.6	1.4	84	29	31	4	287	0	0	2	0	1.62	- .22	.61	21	.0	0		4	2	0
GRENORA		71.9	40.5	56.2		88	30	28	9	274	0	0	4	0	.91		.39	21	.0	0		2	0	0
KENMARE	AM	68.6	40.7	54.7		85	31	33	9+	317	0	0	0	0	1.37	- .49	.80	21	.0	0		3	1	0
LOSTWOOD 12 N		69.1M	38.9M	54.0M		83	30+	28	9	336	0	0		0	1.84		1.05	21	.0	0		4	1	1
MINOT CAA AP		67.4	42.9	55.2		80	30	33	9	305	0	0	0	0	1.52		.57	20	.0	0		3	1	0
MINOT EXP STATION	AM	67.6	40.8	54.2		82	1	31	9	331	0	0	2	0	2.12		.68	21	.0	0		6	1	0
MOHALL		70.3	39.2	54.8	0.8	82	30	29	9	315	0	0	6	0	1.57	- .44	.70	21	.0	0		3	2	0
NEWTOWN		69.9	41.4	55.7	2.3	84	30+	31	10+	285	0	0	3	0	1.85	.19	.83	20	.0	0		4	2	0
PARSHALL		69.2	38.9	54.1		82	30	26	10	337	0	0	5	0	.96	- 1.06	.44	21	.0	0		2	0	0
PORTAL	AM	69.0	40.0	54.5	1.8	85	1	27	9	325	0	0	4	0	1.20	- .68	.40	2	.0	0		3	0	0
POWERS LAKE 1 N		67.7M	38.3M	53.0M		84	31	29	5	366	0	0	3	0	.76		.51	21	.0	0		2	1	0
STANLEY		69.6	39.4	54.5		84	31	31	9+	321	0	0	2	0	1.23		.69	20	.0	0		2	1	0
TIOGA 1 E	AM	67.4M	39.1M	53.3M		82	31	25	9	359	0	0		0	1.23		.46	30	.0	0		3	0	0
WILLISTON WB CITY	R //	68.4	45.0	56.7	2.1	86	30	32	23	262	0	0	1	0	.90	- .76	.61	21	.0	0		2	1	0
WILLISTON EXP FARM		70.4	39.5	55.0		86	30	28	23	305	0	0	4	0	1.15		.81	21	.0	0		3	1	0
DIVISION				54.8	1.6										1.36	- .54			.0					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		67.9	38.0	53.0		79	1	26	9	369	0	0	5	0	1.35		.68	21	.0	0		4	1	0
BDTTINEAU	AM	67.9	41.0	54.5	1.1	83	1	28	9	327	0	0	4	0	1.19	- .78	.54	21	.0	0		3	1	0
ORAKE	AM	67.5	42.9	55.2	1.2	81	1	32	23	303	0	0	1	0	3.43	1.59	1.19	3	.0	0		6	3	1
ECKMAN 2 SE	AM	68.9M	38.6	53.8M	0.5	83	1	29	5	334	0	0	5	0	1.27		.82	21	.0	0		3	1	0
GRANVILLE		69.6	41.3	55.5	0.2	82	30	31	23	298	0	0	5	0	1.91	- .13	.67	20	.0	0		3	2	0
LEEDS		69.3	40.6	55.0		81	30	27	4	313	0	0	3	0	1.41		.54	20	.0	0		4	1	0
MAOOOCK AGR SCHOOL		70.7	39.5	55.1	0.9	84	30	29	9	305	0	0	6	0	1.55	- .46	.51	20	.0	0			1	0
RDLLA		66.8	39.7	53.3		77	7+	31	4+	356	0	0	4	0	1.39		.68	21	.0	0		4	1	0
RUGBY		70.4	42.3	56.4		81	30	30	23	270	0	0	3	0	1.04	- .72	.39	21	.0	0		4	0	0
SAN HAVEN		68.1	42.1	55.1	2.0	80	29	32	9	301	0	0	1	0	1.16	- .76	.42	30	.0	0		4	0	0
TOWNER		71.8	40.4	56.1	1.6	84	30	31	23	268	0	0	3	0	1.37	- .61	.57	20	.0	0		4	1	0
UPHAM 3 N		71.9	41.6	56.8		84	1+	29	23	260	0	0	4	0	.95		.37	21	.0	0		3	0	0
VELVA	AM	69.6	41.2	55.4	0.1	85	31	31	4+	304	0	0	2	0	1.73	- .43	.75	21	.0	0		4	1	0
WESTHOPE		68.6	38.5	53.6	- 0.7	81	29	29	9+	349	0	0	5	0	1.03		.35	21	.0	0		4	0	0
WILLOW CITY		70.1	38.1M	54.1M	1.0	80	7+	25	5	329	0	0	7	0	1.11	- .70	.45	20	.0	0		3	0	0
DIVISION				54.9	1.2										1.46	- .51			.0					
NORTHEAST OIVISION																								
ARVILLA STATE PARK		72.4	37.8M	55.1M		86	29	21	4	306	0	0	6	0	1.95		.48	2	.0	0		6	0	0
BISBEE		68.1	39.8	54.0		81	30	30	4+	336	0	0	4	0	1.06		.51	21	.0	0		3	1	0
CAVALIER		70.9	40.8	55.9		84	30	27	9	286	0	0	3	0	2.04		1.05	21	.0	0		5	1	1
OEVILS LAKE WB CITY	R //	66.1	42.2	54.2	1.2	82	30	32	23	335	0	0	1	0	1.26	- .87	.34	21	.0	0		6	0	0
EDMORE 1 W		68.2	38.9	53.6		82	30	28	9	350	0	0	6	0	1.23		.51	25	.0	0		4	1	0
GRAFTON		70.8	41.0	55.9	0.5	85	7	28	9	284	0	0	3	0	1.63	- .23	.52	21	.0	0		5	1	0
GRAND FORKS CAA AP	R	68.2	41.2	54.7		84	29+	29	9	317	0	0	5	0	2.23		.60	21	.0	0		6	1	0
GRAND FORKS UNIVERSITY		69.5	42.1	55.8	0.9	83	30	29	9	282	0	0	2	0	3.21	.88	1.26	21	.0	0		5	2	1
HANNAH		68.7M	39.2M	54.0M		79	30	29	4+	339	0	0		0	1.27	- .79	.59	21	.0	0			1	0
HANSBORO		68.1M	38.5M	53.3M	1.4	81	29	28	4+	351	0	0	4	0	1.29	- .56	.38	30	.0	0		4	0	0
LANGDON EXP FARM		68.8	38.0	53.4	0.9	81	30	27	9	354	0	0	7	0	1.49	- .46	.73	21	.0	0		3	1	0
LARIMORE		70.0M	40.7M	55.4M	0.8	83	29+	27	4+	299	0	0	4	0	2.56	.35	.68	21	.0	0		7	2	0
MC VILLE		66.9	40.5M	53.7M		81	30	28	9	351	0	0	6	0	3.15		1.38	2	.0	0		8	1	1
MUNICH 4 SW		68.4	39.4	53.9		80	30	27	9	340	0	0	6	0	1.41		.49	21	.0	0		4	0	0
PARK RIVER		70.9	42.2	56.6	2.4	83	1+	30	4	266	0	0	2	0	2.09	.30	.90	21	.0	0		5	1	0
PEMBINA 2 N		73.7M	41.2M	57.5M		82	1	25	9	238	0	0	6	0	1.44	- .45	.60	21	.0	0		4	1	0
PETERSBURG		66.7	40.7	53.7		80	30	29	9	346	0	0	3	0	2.37	.34	.98	2	.0	0		5	2	0
DIVISION				54.7	1.3										1.86	- .13			.0					
WEST CENTRAL OIVISION																								
BEULAH	AM	69.6	40.9	55.3		85	3+	29	23	300	0	0	1	0	2.24		.86	3	.0	0		5	2	0
BUTTE	AM	M	42.2M	M		82	30				0	0		0	1.71		.81	2	.0	0		4	2	0
CENTER		68.9	38.5	53.7		83	2	24	5	346	0	0	5	0	2.09		.53	21	.0	0		6	2	0
OUNN CENTER 2 SW	AM	67.2	42.0	54.6	1.5	83	31	33	23	316	0	0	0	0	1.94	- .05	1.03	21	.0	0		3	2	1
GARRISON	AM	68.5	40.0	54.3	0.1	82	30+	31	4	327	0	0	2	0	1.09	- .96	.59	20	.0	0		3	1	0
MAX	AM	68.1	40.7	54.4	1.2	80	1+	30	23	322	0	0	3	0	2.55	.36	1.10	21	.0	0		5	2	1
RAUB 10 SSW		69.0M	42.6M	55.8M				32	23	280	0	0	1	0	2.27		.65	21	.0	0		4	3	0
RIVEROALE	AM	67.7	41.2	54.5		82	31	30	5	321	0	0	2	0	1.10		.48	21	.0	0		4	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		69.1	40.7	54.9		81	29	30	5+	310	0	0	3	0	1.60		.54	20	.0	0		5	2	0
UNDERWOOD	AM	68.6	39.8	54.2		82	30+	31	5	327	0	0	3	0	2.03		1.19	21	.0	0		4	1	1
WASHBURN		70.4M	41.5M	56.0M	0.1	84	2	30	9	276	0	0	1	0	2.00	.25	.75	20	.0	0		5	2	0
WATFORD CITY		70.8	42.7	56.8	1.7	86	30	32	23	257	0	0	1	0	.86	- .99	.58	21	.0	0		2	1	0
WATFORD CITY 14 S		72.0	40.9	56.5		87	30	27	23	269	0	0	2	0	1.10		.73	21	.0	0		2	1	0
WILTON		67.6	39.6	53.6		82	30	30	5+	346	0	0	4	0	1.77		.57	21	.0	0		4	2	0
DIVISION				55.0	0.9										1.74	- .27			.0					
CENTRAL DIVISION																								
CARRINGTON	AM	66.6	40.1	53.4	0.2	82	1	28	4+	356	0	0	5	0	1.91	- .38	.88	21	.0	0		6	1	0
FESSENDEN		68.7	39.8	54.3	0.1	81	29	27	9	329	0	0	6	0	2.14	.00	.65	20	.0	0		5	1	0
JAMESTOWN CAA AP	R //	67.1	40.0	53.6		81	28	28	4	346	0	0	6	0	1.88		.68	20	.0	0		5	1	0
JAMESTOWN STATE HOSP		67.5	42.1	54.8	- 0.4	82	30	29	5	312	0	0	3	0	2.17	- .02	.65	20	.0	0		6	1	0
KENSAL WILDLIFE REFUGE		69.8	40.5	55.2		83	29	27	9	299	0	0	5	0	2.13		.63	20	.0	0		5	2	0
MC CLUSKY		68.8	40.0	54.4	0.1	84	29	30	9+	329	0	0	3	0	2.14	- .18	.58	20	.0	0		6	2	0
MC HENRY 5 N		67.5	40.0	53.8		81	29	27	9	339	0	0	4	0	2.25		1.00	2	.0	0		6	1	1
PETTIBONE		66.8	40.7	53.8	- 0.3	81	29	29	9	340	0	0	5	0	2.59	.48	.83	2	.0	0		7	2	0
STEELE		69.9	39.9	54.9	0.6	85	2	28	9	308	0	0	7	0	2.30	.04	.94	20	.0	0		6	1	0
DIVISION				54.2	0.4										2.17	- .10			.0					
EAST CENTRAL DIVISION																								
AMENIA		69.7	42.4	56.1		81	30	27	4	276	0	0	2	0	2.59		.63	25	.0	0		7	1	0
COOPERSTOWN		68.6	40.9	54.8		81	30	28	9	313	0	0	3	0	3.24	.88	1.20	2	.0	0		8	2	1
FARGO WB AP	R //	68.4	43.8	56.1	1.1	84	30	28	9	286	0	0	2	0	2.00	- .17	.64	20	.0	0		6	1	0
HILLSBORO		70.9	42.7	56.8	1.4	83	30	28	4	259	0	0	2	0	1.85	- .57	.70	21	.0	0		4	2	0
MAYVILLE		69.2	42.3	55.8	0.1	82	29	26	4	290	0	0	3	0	1.61	- .66	.68	21	.0	0		6	1	0
SHARON		67.7	40.0	53.9	0.1	80	29+	27	4+	341	0	0	6	0	2.92	.28	.75	21	.0	0		8	3	0
VALLEY CITY		70.2	42.6	56.4	0.3	81	29	28	9	265	0	0	3	0	2.54	.19	.80	20	.0	0		7	2	0
DIVISION				55.7	0.5										2.39	- .05			.0					
SOUTHWEST DIVISION																								
AMIDON	AM	69.0M	41.0M	55.0M		87	28			303	0	0		0	1.63		.42	19	.0	0		6	0	0
BEACH	AM	66.4	40.5	53.5		85	31	28	10	353	0	0	3	0	1.22		.62	21	.0	0		3	1	0
BELFIELD		68.0	39.5	53.8		85	2	29	10+	341	0	0	4	0	1.80		.72	21	.0	0		3	2	0
BOWMAN COURT HOUSE		66.6	41.2	53.9	- 0.3	83	2	30	10	334	0	0	2	0	1.97		.69	12	.0	0		4	2	0
DICKINSON CAA AP	R //	65.8	40.0	52.9		83	2	31	23	369	0	0	2	0	2.07		.86	20	.0	0		5	1	0
DICKINSON EXP STATION	AM	66.9	40.7	53.8	0.7	86	31	29	10	342	0	0	5	0	2.10	.09	.90	21	.0	0		5	1	0
FAIRFIELD		65.6	40.9	53.3		81	30	30	10	358	0	0	3	0	1.89		.64	12	.0	0		4	2	0
HETTINGER		64.1M	42.0M	53.1M	- 1.9	83	2+	29	10	363	0	0	1	0	2.60	.49	.77	31	.0	0		8	2	0
MARMARTH	AM	67.2	41.4	54.3	- 1.2	86	3	27	10	330	0	0	3	0	1.58	- .34	.35	21	.0	0		6	0	0
MEDORA 3 NNE		69.7	39.2	54.5		84	2+	23	10	321	0	0	5	0	1.55		.63	21	.0	0		3	1	0
MOTT		65.8	39.3	52.6	- 2.4	85	2+	25	10	381	0	0	5	0	1.97	.07	.58	20	.0	0		6	2	0
NEW ENGLAND		65.8	39.9	52.9	- 1.9	84	2	27	10	367	0	0	4	0	1.87	- .01	.73	20	.0	0		4	1	0
RICHARDTON ABBEY		67.6	41.6	54.6	0.2	83	2	31	23	319	0	0	1	0	2.23	.21	.78	20	.0	0		5	2	0
DIVISION				53.7	- 0.6										1.88	- .07			.0					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		67.0	43.2	55.1		84	2	34	9	307	0	0	0	0	2.40		.96	20	.0	0		5	2	0
BISMARCK WB AP	R //	67.6	42.5	55.1	0.3	84	1	31	5	307	0	0	1	0	2.77	.83	.85	2	.0	0		6	2	0
CARSON NO 2	AM	66.3	41.5	53.9	- 0.9	85	3	29	10	339	0	0	4	0	3.24	.88	1.38	21	.0	0		6	2	1
FORT YATES	AM	65.6M	43.4M	54.5M	- 2.2	84	3			329	0	0		0	5.26	3.16	2.35	3	.0	0		7	4	1
LINTON		69.5	43.3	56.4	- 0.2	86	2	27	5	274	0	0	2	0	3.67	1.62	1.27	20	.0	0		9	2	1
MANDAN EXP STATION	AM	67.1	42.8	55.0	- 0.2	83	3	31	5+	305	0	0	2	0	3.09	1.14	.99	21	.0	0		6	2	0
MANDAN FT LINCOLN PARK		69.9	42.0	56.0		86	2	30	9	276	0	0	3	0	6.45		3.90	2	.0	0		5	3	2
MOFFIT 4 SE		67.5	40.6	54.1		82	1+	29	5+	332	0	0	5	0	3.26		.87	25	.0	0		5	3	0
NEW SALEM 1 S		67.5M	40.8M	54.2M	- 0.4	84	2	31	9+	332	0	0	2	0	2.17	.15	.79	20	.0	0		6	1	0
DIVISION				54.9	- 0.6										3.59	1.53			.0					
SOUTHEAST DIVISION																								
ASHLEY		66.3	41.6M	54.0M	- 0.4	82	7	26	5+	333	0	0		0	4.09	2.11	1.68	20	.0	0		8	2	1
EDGELEY EXP FARM	AM	65.3	41.5	53.4	- 1.5	79	1+	27	9	355	0	0	4	0	3.12	.74	.91	21	.0	0		8	2	0
ELLENDALE		67.4	43.0	55.2	- 0.6	85	7	30	9	306	0	0	1	0	3.91	1.69	1.27	20	.0	0		6	3	1
ENDERLIN	AM	67.9	41.2	54.6		83	1+	27	4	329	0	0	4	0	3.00		.92	21	.0	0		6	2	0
FORMAN		67.9M	41.4M	54.7M		83	7	28	4	320	0	0	3	0	5.03	2.48	1.47	20	.0	0		7	4	3
FULLERTON		68.7	42.7	55.7	- 0.4	86	7	27	9	292	0	0	3	0	3.97	1.46	1.17	20	.0	0		6	3	1
GACKLE		67.1	42.9	55.0		80	30	29	9	310	0	0	2	0	3.08		.96	20	.0	0		7	2	0
GRAND RAPIDS 1 N		68.6	41.7	55.2		84	29	26	4+	304	0	0	6	0	3.03		1.05	20	.0	0		7	2	1
HANKINSON R R STATION	AM	65.9	43.2	54.6	- 1.9	85	8	30	4	333	0	0	2	0	5.56	3.15	1.41	21	.0	0		10	4	2
LISBON		68.6	42.2	55.4	- 0.2	83	7	26	4+	307	0	0	6	0	3.40	1.05	1.06	14	.0	0		5	3	2
MC LEOD 3 E		69.0M	42.5M	55.8M	- 0.8	85	1+			290	0	0		0	2.82	.31	.74	14	.0	0		6	2	0
NAPOLEON		67.5M	41.8M	54.7M	0.0	80	1+	29	5+	319	0	0	3	0	1.97	- .34	.94	20	.0	0		6	1	0
OAKES	AM	65.5	42.5	54.0	- 1.6	83	8	29	5+	342	0	0	3	0	3.32	1.00	1.02	21	.0	0		7	3	1
WAHPETON STATE SCHOOL		69.7	43.9	56.8	- 0.7	84	7+	28	9	267	0	0	1	0	5.12	2.48	1.67	14	.0	0		9	3	2
WISHEK	AM	65.2M	38.6M	51.9M	- 1.9	78	2+	21	5	401	0	0	8	0	2.88	.72	.93	21	.0	0		6	2	0
DIVISION				54.7	- 0.9										3.62	1.25			.0					

DAILY PRECIPITATION

NORTH DAKOTA
MAY 1957

Table 3

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	4.02	.20		T							T			T	1.66	.01		.08			.55	1.09	.02			.39	.02					
ADAMS 7 S	2.37		.65						.33												.13	.78	.15			.28					.05	
ALEXANDER	1.40									.05											.27	.78	.18								.12	
ALMONT 7 SW	2.40		.05	.08				T	.03					T	.04					.12	.96	.74				.25					.13	
AMBROSE 3 N	1.30		.15						T												.38	.72	.05									
AMENIA	2.59	.25						.08							.17			.16			.47	.33	.06			.63	.04		.40			
AMIDON	1.63							.02	T				.29	.13	T					.42	.40	.24							.03		.10	
ARVILLA STATE PARK	1.95	T	.48	T				.13	.33													.46	.12			.41	.02					
ASHLEY	4.09			.24				.08	.15					.10	.23			.02			1.68	.29	.31			.99						
BALTA	.91		.11						T												.38	.35	.03				T	T			.04	
BANTRY	1.61																				.16	.74	.23								.48	
BEACH	1.22								T				.03	T	.06						.20	.62	.20	.01						T	.05	.05
BELCOURT INDIAN RES	1.35								.11				T								.23	.68	.03			.08					.22	
BELFIELD	1.80							.08					.24	T	.08					.06	.56	.72	.02									.04
BERTHOLD	2.36	T	.03																		.60	.80	.13							.12	.68	
BEULAH	2.24			.86																	.18	.70	.31									.19
BISBEE	1.06								.20												.34	.51	.01									
BISMARCK WB AP R//	2.77		.85	T			.11	.07	T					T	.01			T		.30	.80	.20	T		.02	.39		T	T		.02	
BISMARCK 12 ENE	2.20			.25				.13	.08	T									T		.40	.85	.15				.34					
BOTTINEAU	1.19	.01	.36						.13				.02		T						.02	.54	.05						T		.05	.01
BOWBELLS	1.85	.05	T						.02												.52	.70	.08					T		.41	.07	
BOWMAN COURT HOUSE	1.97									.04			.69	.03	.08	.02					.50	.38	.04						.04			.15
BOWMAN 9 SE	1.51									.09			.16							.09	.33	.51							.13			.20
BOWMAN 30 NNW	1.86							.13							T			T			*	1.40							.23	.10		
BURT 16 N	-			.46				.30						.14	.05						-	-				.11	.20	.01	.70	.40		.14
BUTTE	1.71		.81						.03												.17	.50	.15			.05						
CARRINGTON	1.91	.03	.23					.13	.13										T		.14	.88	.15			.08	.09		.05			
CARSON NO 2	3.24	T		.05				T	.02			T	T	.20							.90	1.38	.20			.30	T			.19		
CAVALIER	2.04	.12	T					T													.05	1.05	.32			.11	.39			T		
CENTER	2.09	.24	T					.10													.52	.53	.02			.20					.47	.01
COLGATE	2.72		.29					.10										.11			.40	.80	.32			.70						
COLUMBUS	1.17												.05								.16	.93	T							.03		
COOPERSTOWN	3.24	.10	1.20					.30	T									T			.40	.19	.11			.62	.32					
COURTENAY	1.93	.15	.31					.25					.09								.60	.22	.07			.24						
CROSBY	1.07		.11																		.33	.63										
DEVILS LAKE WB CITY R//	1.26	.18	.18						.10					T				T			.33	.34	.01			.12		T				
DICKINSON CAA AP R//	2.07		.03					.17	T				.01	.08	.06					.31	.86	.41	.01	T					T		.13	
DICKINSON EXP STATION	2.10	T							.02				.29		.22						.42	.90	.25							T		T
DONNYBROOK	1.36	.13	T																		.55	.56	T							.12	T	
DRAKE	3.43		.21	1.19	T					T											.19	.75	.15			.01	.05		.81		.05	.02
DUNN CENTER 2 SW	1.94								.09	.01			T		T						.61	1.03	.13									.07
ECKMAN 2 SE	1.27							.12													.03	.82	.27								.03	
EDGELEY EXP FARM	3.12	.05		.30				.11	.08						.40	.15		.04	.04		.12	.91	.01			.27	.64					
EDMORE 1 W	1.23	.03	.15						.06									T			.18	.30				.51		T				
ELGIN 5 S	3.16	T	T	T				T						.14	.09					T	1.34	.55	.03			.31			.30			.40
ELLENDALE	3.91	T		.32				.04	.08					.10	.94			.08		.01	1.27	.23	T		.01	.83	T					T
ENDERLIN	3.00	.04	.20					.02	.03						.49	.41			.15		.03	.92	.09			.62						
EPPING	1.04	.04						.05	T												.18	.65								.02	.10	
FAIRFIELD	1.89							T					.64	.06						T	.62	.44	.01	T				T	T	.12	T	T
FARGO WB AP R//	2.00	.16	T	.03										.02	.44			.16		T	.64	.13	T			.38	T		.04	T		
FESSENDEN	2.14		.40					.09	.03												.65	.42	.06			.37		.12				
FLASHER	3.21								.49						.11						.65	1.30	.23			.43						
FLAXTON	1.62	.39	T					T	.06				.02		T						.33	.53	.04				T			.02	.23	
FORBES 13 NW	3.82	T	.18	.07	.04									.14	.89			T			1.41	.35	T			.74						
FORMAN	5.03	.52							.18						1.31			.16			1.47	.23				1.13			.03			
FORT YATES	5.26			2.35				.08	.03						.30	.11		.03			.54	.90	.30			.57	.05			T		
FOXHOLM 7 N	1.62		.01						.09												.54	.61	.13								.24	
FULLERTON	3.97	.08		.48				.04	.06					.07	.74			.11		T	1.17	.27				.90	.05					
GACKLE	3.08	T		.03				.43	.10					T	.23			.06			.96	.40				.72			.15			
GARRISON	1.09		T						.07											.22	.59	.21										
GLEN ULLIN 13 N	1.74							.02												.07	.52	.56									.51	.06
GOLDEN VALLEY 10 S	2.21	T	T																	T	.92	.47	.01								.81	
GRAFTON	1.63	.05	.06						.30												.01	.52	.15			.40	.14					
GRAND FORKS CAA AP R	2.23	T	.17	T				.30	.48												.24	.60	.04			.40	T					
GRAND FORKS UNIVERSITY	3.21	.06	.09					.44	.36												.09	1.26	.28			.56	.07					
GRAND RAPIDS 1 N	3.03	.16		.02				.22	.08					.03	.35			.10			1.05	.10	.02			.90						
GRANVILLE	1.91		.60					T	.06												.67	.48	.03					T		.02	.05	
GRASSY BUTTE 10 N	1.10																				.26	.40	.44									
GRENORA	.91		.02					.08								T					.38	.39	.04									
HAGUE	3.44			.04				T	.04					.02	.27			.14		.01	1.50	.18			.02	1.22				T		
HALLIDAY	1.30							T													.85	.43									.02	
HANKINSON R R STATION	5.56	T	.18	.04				T	.18						1.05	.67		T	.28		.05	1.41	.20			.65	.40			.45		
HANNAH	1.27		T					*	.23				.03								.10	.59	.03			.14	.02				.13	
HANSBORO	1.29		.08						.16				T								.35	.30	T			.02					.38	
HARVEY	3.07	1.03						T	.06									T			.58	.52	.04			.65		.19				
HETTINGER	2.60			.10									.32	.14	.16	T				.15	.54	.33	.04			.05						.77
HILLSBORO	1.85	.03	.04	.05				.05	.04									.05			.16	.70	.14			.50	.09	T				
JAMESTOWN CAA AP R//	1.88	.15	T	.02			T	.34						T	T			.03		T	.68	.14				.45		.07				
JAMESTOWN STATE HOSP	2.17	.22	.05					.47										.05			.65	.15				.44			.14			
KEENE 2 S	1.61																				.52	.84	.08							.09	.08	
KENMARE	1.37		.15						.05												.07	.80	.25							.05		
KENSAL WILDLIFE REFUGE	2.13	.10	.57					.35										.04			.63	.37	.06			.01						
KILLDEER 8 NW	2.60							.77													1.13	.62	.08									
KULM	3.62			.13				.11						.16	.63					.07	.93	.54				1.05						
LANGDON EXP FARM	1.49								.35				.02								.07	.73	.08			.17	.07					
LANSFORD	1.19	T	.04					T													.54	.45	.06							.10		
LARIMORE	2.56	T	.63					.23	.30												.12	.68	.22			.38						
LEEDS	1.41	.06	.07																		.54	.40	.16			.18						
LEFOR 10 E	2.98		T					.12					T	.36	.06					.07	1.12	.72	.08				.01				.44	
LINTON	3.67		T	.20			.12	.60	.22					.09	.32			T		.15	1.27	.21	.07			.42		T				
LISBON	3.40	.32							.05						1.06			.03			1.05	.20				.69						
LITCHVILLE	3.49	.12						.08	T						.36			.13			1.24	.25				1.30			.01			
LOSTWOOD 12 N	1.84	.02	T						.02	T			T								.48	1.05	.06							.10	.11	
MADDOCK AGR SCHOOL	1.55	.08	.05	.06					T												.51	*	.42			.43						
MANDAN EXP STATION	3.09	T		.79				.02	.11												.47	.99	.23			.46	T	T	.02	T		T
MANDAN FT LINCOLN PARK	6.45		3.90	.05				.15	.05					T	.02				T	1.20	.62	.02				.44						
MARMARTH	1.58								T	T	.04		.15	.17	.09	T					.27	.35	.17								.34	
MARTIN	2.28		.91	.07																	.57	.45	.03			.23				.02		
MAX	2.55		.20						.58												.20	1.10	.40									.07
MAYVILLE	1.61		.19					.10	.01									T			.23	.68	.19			.19	.02	T				
MC CLUSKY	2.14	.53	.18	.03					.15												.58	.36	.02			.29						
MC HENRY 5 N	2.25	.08	1.00					.21	.13									T			.33	.33	.13			.04						
MC LEOD 3 E	2.82	.40							.39						.74				.07		.65	.22				.35						
MC VILLE	3.15	.18	1.38	T				.18	.20												.23	.30	.21			.42	.05	T				
MEDINA	1.70			.06				.33										.02			.88	.24				.06		.11				
MEDORA 3 NNE	1.55							.03	T				.38	T	.01					T	.44	.63	.06						T		T	
MEDORA 23 NNW	1.76												.26								.15	.55	.30									.50
MINOT CAA AP	1.52	.05						.07	T											T	.57	.46	.01					T		T	.36	
MINOT EXP STATION	2.12		.22						.28												.15	.68	.32								T	.47
MOFFIT 4 SE	3.26	T	.05	.83				.17	.04					T	.05			.01			.85	.24	.07			.87			.08			
MOHALL	1.57		.20										T								.56	.70	.07					T			.04	
MONTPELIER	2.29	.11		T				.25	.01					T	.09			.10			.64	.19	.02			.88						
MOTT	1.97			T				T	T					.15	.03					.17	.58	.50	T			.06			.22		.26	
MUNICH 4 SW	1.41	T	T						.16				T								.36	.49	T			.40						
NAPOLEON	1.97			.01				.20	.10					.02	.12	T		T			.94	.21	.01			.31		.05				

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3–Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	1.87							.04					.34	.05	.05					T	.73	.32	.04						.07		.23	
NEW ROCKFORD 7 WNW	2.70		1.47	.02					.18												.53	.39	.06						.05			
NEW SALEM 1 S	2.17		.38						.17						T				T	.03	.79	.46	.01			.20			T		.13	
NEWTOWN	1.85							.12													.83	.67	.04							.07	.12	
NOONAN	.71																				.24	.47										
NORTONVILLE	2.71	.05		.30	.05										.26						.87	.16				1.02						
OAKES	3.32	.42		.14				.03	.10						.65	.18		.02	.06		.06	1.02	.02			.60	.02					
PARK RIVER	2.09	T	.32					T	.35												.05	.90	.26			.21						
PARSHALL	.96							.02	.02												.43	.44	.05							T		
PEMBINA 2 N	1.44								.18													.60	.44			.09	.11				.02	
PETERSBURG	2.37	.08	.98					.10	.05												.06	.57	.27			.26			T			
PETTIBONE	2.59		.83	.06				.16	.14									.10			.60	.45	.02			.15			.08			
PINGREE	2.10	T	.70					.33	T									.13			.58	.18	.05			.03			.10			
PORTAL	1.20		.40						.03					.06					T		.08	.34	.29								T	T
POWERS LAKE 1 N	.76																				.25	.51										
PRETTY ROCK	3.20			.05				.03	T					.20	.17					.12	.82	.51	.05			.47			.31			.47
RAUB 10 SSW	2.27							.60													.64	.65	T								.38	
REEDER	1.75									.03			.23	.05	.12				T	.05	.41	.41	.02			.05				.02		.36
REEDER 14 N	1.53										T		.15		.09						.44	.45	.10							.26		.04
RICHARDTON ABBEY	2.23			T				.03	.02				T	.02	.03					.09	.78	.74	.08	T		.14			T		.18	.12
RIVERDALE	1.10	T	T	.02					T										T		.13	.48	.26									.21
ROLLA	1.39		.01						.15				.02								.23	.68	.01			T					.29	
RUGBY	1.04		.16						T												.35	.39	.02			T		T			.10	.02
RYDER	1.32	T							.17												*	*	1.15								T	
SAN HAVEN	1.16		.04						.10												.21	.37	.02								.42	
SCRANTON	1.28						T	T	T			T	.20	.04	T	T				.04	.33	.45	.06			T		T	T			.16
SELFRIDGE 11 W	4.47			.92			.02	T			T		T	.30	.35			.02		.07	.30	1.00				.90		.35	.24			
SENTINEL BUTTE 20 S	2.07							.35					.15								.65	.40								.52		
SHARON	2.92	.19	.55					.22	.27												.27	.75	.17			.50		T				
SHERWOOD 3 N	1.90		.24						.10				.48					T			.52	.51	.05					T			T	
SHIELDS	3.29		.04	.46			.02	.07	.03					.04	.36					.17	.80	.67	.01			.62						
STANLEY	1.23																				.69	.42	.03							.07	.02	
STEELE	2.30		.10	.17				.41	.02	T					.03			.01			.94	.28	.06			.22		.06				
SYKESTON	1.51	.02	.10					.07	.04									T			.51	.54	.08			.15						
TAGUS	1.51	.02							T												.50	.66	.09					.04		.13	.07	
TIOGA 1 E	1.23																				.06	.36	.35								.46	
TOLLEY 4 NE	-		1.97																T	T	.63	-						.02		T		
TOWNER	1.37		.15																		.57	.47	.01			.07				.10		
TROTTERS 6 SE	1.29											T	.18	.02	T					T	.40	.61							T	.08	T	
TURTLE LAKE	1.60		T	.03														.05			.54	.52	.14			.15					.17	
TUTTLE	6.84		4.15	.80				.11	.40									T			.85	.40	.02			.11						
UNDERWOOD	2.03		T																		.32	1.19	.33		.12							.07
UPHAM 3 N	.95		.08						.18												.21	.37	.03								.08	
VALLEY CITY	2.54	.05						.15							.18			.10			.80	.35	.10			.78			.03			
VELVA	1.73								.03												.18	.75	.38									.39
VERONA	3.33	.31	.08					.05	.06						.74			.04			1.12	.12				.81						T
WAHPETON STATE SCHOOL	5.12	.14		.13				T	.04					T	1.67	.05		.11	T		.38	.87	.15			.39	1.19					
WALHALLA	2.11								.44													1.20	.17			.24	.06					
WARWICK	2.54	.05	.83	.17				.04	.10												.29	.41	.11			.54						
WASHBURN	2.00		T						.15									T			.75	.65	T			.25		.12			.08	
WATAUGA S OAK 8 N	4.08													.45	.43					.62	.67	.53			T	.74			T	.64		
WATFORD CITY	.86																				.28	.58										
WATFORD CITY 14 S	1.10																			T	.35	.73	.02									
WESTHOPE	1.03								.17												.26	.35	.02								.23	
WILDROSE	1.54							.06													.16	.48	.02							.42	.40	
WILLISTON WB CITY R//	.90		.03					.07												T	.16	.61							.01	.02		
WILLISTON EXP FARM	1.15							.16													.15	.81	.03									
WILLOW CITY	1.11		.14	T					.04												.45	.40	.03							.05		
WILTON	1.77								.09												.56	.57	.05			.31		.10				.09
WISHEK	2.88							.04	.24						.24	.01		.04			.41	.93	.07			.52	.38					
WOODWORTH 5 E	1.94		.32						.35									.15			.62	.50				T				T		
ZAHL	1.31		.10					.01													.50	.45	.04						.01	.16	.04	

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
MAY 1957

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	81	84	65	63	70	71	82	66	61	66	74	68	65	63	64	65	65	65	56	47	46	51	52	70	69	64	79	79	79	80	68	67.0
	MIN	49	50	47	38	37	39	42	41	34	36	43	52	41	48	35	39	40	42	39	42	40	39	36	42	50	43	45	53	56	53	48	43.2
AMENIA	MAX	68	71	64	63	72	77	80	78	63	72	77	75	74	70	64	69	65	64	64	53	62	59	64	74	69	59	71	80	80	81	80	69.7
	MIN	56	43	39	27	36	37	51	43	33	38	39	42	41	49	35	31	46	40	42	46	45	41	35	38	53	43	38	51	50	50	55	42.4
AMIDON	MAX	74	77	82	74	74	70	79		55		75	72	72	58	61	63	60	68		48	52	49	60	68	68	70		87	82	83	82	69.0
	MIN	46	48	47	38	32	38	42	36	34				47		34	34	42	38	39	40	36	32		39		40	47	48	55	48	45	41.0
ARVILLA STATE PARK •	MAX	77	56	61	69	78	83	81	74	66	75	81	72	76	72	69	76	74	72	70	64	55	55	68	80	79	59	69	80	86	85	81	72.4
	MIN		41	48	21	30	35	45	36	22	34	35	33	36	46	41	24	37	39	35	45	43	38	29	48	48	40	28	38	39	48	52	37.8
ASHLEY	MAX	78	79	60	60	70	73	82	71	56	66	75	71	64	56	61	62	57	58	60	59	56	50	62	66	63	65	74	78	77	77	70	66.3
	MIN	50	45	40	30	26	26	48	43	28	31	38	46	44	46	45		43	42	33	43	45	41			51	41	34	48	54	51	53	41.6
BEACH	MAX	75	78	82	73	66	71	68	80	47	58	67	74	65	65	62	63	64	62	65	47	48	44	50	62	69	68	65	78	79	77	85	66.4
	MIN	45	44	48	40	36	40	41	41	37	28	41	51	39	44	43	36	31	42	41	36	40	37	30	36	41	34	42	44	48	55	45	40.5
BELCOURT INDIAN RES	MAX	79	61	60	63	70	74	76	72	60	67	72	69	72	70	63	71	70	67	67	56	45	48	65	74	74	65	70	75	77	76	76	67.9
	MIN	55	43	38	33	30	38	39	33	26	29	35	36	35	46	37	32	41	39	36	41	39	34	28	42	43	38	35	39	41	47	50	38.0
BELFIELD	MAX	80	85	75	71	72	67	79	60	58	68	76	71	68	62	63	62	66	64	57	56	44	49	58	69	68	64	77	78	80	82	79	68.0
	MIN	39	41	48	44	32	36	40	39	32	29	39	46	38	47	37	33	34	36	40	41	40	36	29	38	42	34	43	47	50	50	45	39.5
BEULAH	MAX	82	82	85	64	65	74	76	82	53	62	70	77	68	70	68	66	69	67	68	53	49	47	53	65	75	72	65	81	81	83	85	69.6
	MIN	48	51	46	40	34	39	44	44	34	34	33	49	43	43	39	35	36	38	34	42	38	37	29	36	44	43	42	44	49	55	46	40.9
BISBEE	MAX	72	60	60	63	72	77	77	73	63	70	76	67	69	71	68	62	68	71	63	56	47	48	67	76	74	62	69	70	79	81	79	68.1
	MIN	55	42	42	30	33	39	46	34	30	33	39	40	44	32	41	34	41	39	34	44	42	37	31	46	47	40	36	40	42	55	47	39.8
BISMARCK WB AP	MAX	84	83	59	64	71	73	80	53	60	68	75	72	68	64	64	67	65	65	52	48	48	54	63	72	71	65	77	78	81	81	72	67.6
	MIN	49	49	45	37	31	42	45	39	33	37	43	49	42	49	38	33	43	43	44	43	40	40	33	40	48	44	40	47	49	54	48	42.5
BOTTINEAU	MAX	83	76	66	63	65	72	76	77	52	62	68	74	60	75	70	64	72	69	71	58	47	47	49	67	76	74	63	73	77	80	79	67.9
	MIN	54	47	41	34	32	40	45	37	28	32	41	41	40	48	42	38	42	43	39	43	42	35	30	41	46	38	40	44	48	57	42	41.0
BOWBELLS	MAX	77	68	66	62	70	70	74	62	55	68	77	70	73	72	65	71	72		53	51	46	49	67	75	73	65	73	79	79	85	70	67.9
	MIN	47	46	39	35	34	40	41	36	27	31	44	37	33	41	39	40	38	38	41	40	40	35	31	46	44	34	41	41	52	51	42	39.5
BOWMAN COURT HOUSE	MAX	77	83	81	69	69	68	81	71	50	65	73	70	65	57	61	59	60	61	57	47	46	46	59	68	68	67	78	77	77	81	75	66.6
	MIN	43	46	42	34	42	49	37	44	37	30	38	50	39	46	49	35	43	43	39	41	39	37	32	35	47	34	41	45	50	50	41	41.2
BUTTE	MAX	81	78	72			71	75	77	53				75	72	69	64	70				57	44	51	65			75	77	77	82	81	
	MIN	52	54	43			42	43	38	33				33	41	37	39	42			39	41	36	36	44			41	44	53	50	47	42.2
CARRINGTON	MAX	82	69	68	59	62	70	76	76	53	61	68	74	65	71	65	62	67	67	66	59	49	50	50	63	75	67	61	74	77	78	81	66.6
	MIN	53	47	40	28	31	41	50	41	28	36	38	45	37	40	35	30	38	42	40	42	43	38	32	34	48	42	36	42	45	52	49	40.1
CARSON NO 2	MAX	75	82	85	71	64	71	71	83	49	58	65	73	70	62	61	63	63	62	63	46	46	46	53	62	68	70	64	77	78	77	77	66.3
	MIN	47	46	45	38	32	39	41	44	30	29	43	51	39	48	40	35	43	43	40	41	40	39	31	39	50	40	40	45	54	46	48	41.5
CAVALIER	MAX	80	56	60	67	76	80	78	72	64	74	77	74	73	71	67	74	72	68	68	66	56	49	68	80	76	60	71	77	77	84	82	70.9
	MIN	56	45	45	28	36	39	45	36	27	38	38	41	35	44	35	32	45	38	36	43	43	38	35	52	46	40	36	41	46	54	52	40.8
CENTER	MAX	81	83	66	64	71	73	81	68	61	68	75	70	69	65	68	69	67	68	58	52	48	52	63	72	71	64	78	80	82	81	68	68.9
	MIN	44	48	42	33	24	35	40	39	27	32	35	42	36	38	36	29	33	38	35	42	40	38	29	37	53	42	39	42	47	51	47	38.5
COOPERSTOWN	MAX	79	63	58	61	70	76	75	73	62	69	75	75	73	68	63	68	67	66	63	59	52	51	62	74	72	63	72	78	80	81	80	68.6
	MIN	53	41	37	30	33	36	51	39	28	35	38	44	40	49	36	33	42	41	41	43	42	38	31	40	52	42	34	47	47	53	51	40.9
CROSBY	MAX	79	78	71	69	75	77	78	64	59	69	75	72	74	70	66	72	72	71	62	52	47	49	67	74	70	72	78	79	81	87	78	70.5
	MIN	49	49	41	41	37	39	44	37	39	33	45	44	41	50	45	40	37	49	38	42	42	36	36	41	33	39	48	46	51	56	44	42.3
DEVILS LAKE WB CITY	MAX	69	56	59	62	71	77	75	61	60	69	74	61	73	68	61	69	69	66	62	48	48	49	65	74	69	61	69	77	78	82	68	66.1
	MIN	52	43	40	34	39	45	53	34	33	39	46	43	36	46	36	37	43	42	38	44	39	37	32	46	46	42	40	44	50	60	49	42.2
DICKINSON CAA AP	MAX	80	83	69	65	70	68	79	51	56	67	74	66	64	62	63	63	60	63	46	47	45	49	61	69	69	64	78	78	79	82	69	65.8
	MIN	48	44	41	36	33	37	40	34	35	32	41	45	37	46	38	33	35	40	40	42	40	37	31	38	43	35	42	48	49	52	47	40.0
DICKINSON EXP STATION	MAX	77	80	83	71	65	71	70	79	49	59	67	75	67	66	62	65	65	63	65	46	48	48	51	62	70	67	63	78	77	78	86	66.9
	MIN	49	45	48	40	33	37	46	45	32	29	42	50	39	46	40	32	32	46	41	40	40	38	30	37	45	36	40	42	45	52	46	40.7
DRAKE	MAX	81	76	69	58	63	71	75	78	53	63	68	75	62	72	70	63	69	68	67	60	48	45	51	65	73	74	63	75	77	79	80	67.5
	MIN	56	53	42	35	37	43	49	41	33	37	42	45	35	43	41	37	44	41	40	43	42	37	32	41	54	42	44	46	51	57	47	42.9
DUNN CENTER 2 SW	MAX	78	82	81	70	60	72	72	80	50	60	66	76	66	70	65	65	67	67	68	48	48	44	50	61	70	65	66	77	77	80	83	67.2
	MIN	47	47	45	41	38	40	42	44	35	36	43	42	40	47	42	38	37	42	40	42	43	38	33	42	43	37	42	48	48	53	48	42.0
ECKMAN 2 SE	MAX	83	77	72	62	66	73	79			67	69	73	57	76	70	65	70	72	73	58	48	45	52	67	73	72	64	75	80	81	79	68.9
	MIN	44	48	43	32	29	42	38	31	35	38	39	41	31	35	37	33	35	40	36	42	43	37	31	35	42	39	39	44	46	50	43	38.6
EDGELEY EXP FARM	MAX	79	76	75	54	59	69	74	79	51	56	68	72	72	65	53	61	62	58	59	55	50	57	56	63	68	65	62	72	79	78	78	65.3
	MIN	54	45	40	28	31	39	50	48	27	36	35	43	39	46	34	32	44	41	42	41	43	39	34	40	51	43	35	48	53	51	55	41.5
EDMORE 1 W	MAX	73	59	59	62	72	70	75	67	63	68	75	74	74	70	62	71	71	70	62	62	51	47	65	75	69	63	66	78	80	82	79	68.2
	MIN	54	42	39	30	32	37	46	35	28	30	36	40	35	45	35	31	41	36	35	42	41	36	30	45	46	39	35	42	45	52	45	38.9
ELLENDALE	MAX	77	80	70	61	70	74	85	79	57	69	73	73	66	58	60	64	58	56	52	51	58	54	63	66	63	65	71	82	80	79	75	67.4
	MIN	55	46	40	33	33	37	52	45	30	35	40	47	42	47	38	37	46	41	43	43	47	40	37	40	52	44	38	49	55	53	49	43.0
ENDERLIN	MAX	83	71	73	61	63	72	77	83	60	62	72	75	75	73	53	65	65	61	62	60	52	60	54	65	73	63	56	73	82	81	80	67.9
	MIN	55	43	42	27	28	39	45	52	28	36	35	42	40	46	38	31	41	40	44	44	45	40	33	33	51	44	33	45	52	50	55	41.2
FAIRFIELD	MAX	78	78	68	64	70	68	76	56	58	65	74	69	63	62	63	62	62	63	59	47	45	48	60	68	65	61	75	76	76	81	74	65.6
	MIN	48	46	45	49	34	39	41	39	36	30	41	44	38	47	40	36	40	43	39	40	39	35	32	38	38	31	44	52	50	54	41	40.9
FARGO WB AP	MAX	70	71	61	64	73	77	83	63	62	72	76	78	72	55	64	67	60	65	64	54	60	52	65	75	66	56	72	82	83	84	74	68.4
	MIN	53	46	40	32	35	45	58	38	28	36	44	52	44	47	41	39	44	41	46	47	47	40	35	43	52	43	35	52	54	54	48	43.8
FESSENDEN	MAX	72	68	60	60	73	77	80	70	55	70	76	72	72	68	65	70	72	69	62	58	50	54	65	70	74	65	75	75	81	80	72	68.7
	MIN	55	49	42	30	30	38	55	38	27	33	41	38	38	46	40	32	31	37	38	42	42	37	32	40	42	42	38	45	46	47	42	39.8
FORMAN	MAX	78	72	56	61	76	71	83	82	60	69	74	76	61	66	60	63	56	56	59		58	55	64	69	69	60	72	81	79	80	70	67.9
	MIN	56	49	40	28	36	33	36	47	30	32		47	41	41	38	36	44	37			44	41	35	41	42	45	37	53	54	53	44	41.4
FORT YATES	MAX	81	82	84		69	66	70		51				71	62	51	62	63		62	50	47	48	52	64	68	71	63	79	80		79	65.6
	MIN	50	53	41		31	45	45	49	34				41	47	38	33	43		41	42	44	39	37	40	51	44	39	49	57		52	43.4
FOXHOLM 7 N	MAX	80	76	72	67	75	77	78	77	61	70	78	77	76	73	66	73	78	74	59	56	48	50	65	75	70	64	78	79	84	80	79	71.5
	MIN	51	46	39	31	34	42	43	38	32	38	43	40	34	44	40	36	38	39	34	42	41	38	36	39	37	40	36	33	45	54	46	39.6
FULLERTON	MAX	77	78	71	60	73	78	86	72	60	72	76	75	69	57	62	63	60	58	58	52	62	56	65	70	66	62	75	81	80	81	75	60.7
	MIN	55	45	39	30	31	39	52	50	27	33	39	47	40	47	37	35	44	41	43	42	48	40	35	40	52	44	39	49	55	52	55	42.7
GACKLE	MAX	76	74	62	61	71	76	77	72	62	72	76	71	67	56	56	64	63	63	54	52	54	53	63	70	63	67	73	79	79	80	75	67.1
	MIN	52	46	39	31	33	42	49	40	29	41	44	40	39	45	35	44	44	44	43	42	44	39	34	39	51	52	38	41	58	59	54	42.9

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	80	79	78	65	69	73	74	78	64	64	66	68	75	70	69	65	69	69	64	47	45	49	53	60	73	72	64	80	78	82	82	68.5
	MIN	50	51	45	31	40	34	37	37	34	34	38	38	45	39	41	39	39	40	42	41	38	39	32	34	36	36	42	45	49	48	45	40.0
GRAFTON	MAX	82	63	60	65	74	79	85	71	64	71	76	75	75	75	67	70	71	70	67	66	58	52	66	78	77	61	66	77	80	83	70	70.8
	MIN	54	42	41	29	35	39	49	37	28	35	41	43	37	47	38	32	42	35	38	47	43	39	33	48	50	40	34	41	45	54	54	41.0
GRANO FORKS CAA AP	MAX	66	61	61	66	75	79	75	52	64	72	79	72	76	68	62	73	72	68	68	55	59	48	65	77	60	56	67	80	84	84	70	68.2
	MIN	55	44	41	32	33	39	48	32	29	35	40	44	40	49	38	31	43	43	42	46	45	40	35	45	48	37	32	46	45	54	45	41.2
GRANO FORKS UNIVERSITY	MAX	75	62	61	65	74	80	74	68	65	72	77	73	76	68	63	70	68	68	68	61	61	51	65	77	69	60	66	79	81	83	76	69.5
	MIN	55	43	40	32	34	40	48	38	29	37	39	43	42	49	39	33	44	42	41	48	45	40	35	45	52	40	33	46	45	52	55	42.1
GRANO RAPIOS 1 N	MAX	78	74	66	63	64	77	81	77	60	71	76	74	68	60	63	65	60	64	58	57	57	55	64	71	64	65	74	80	84	81	75	68.6
	MIN	55	45	41	26	26	36	52	46	27	30	33	47	39	46	36	32	44	41	44	43	47	44	32	42	52	49	33	47	54	48	55	41.7
GRANVILLE	MAX	78	72	72	65	73	77	78	60	62	70	76	61	74	71	65	71	76	73	65	56	46	56	66	73	71	64	76	79	81	82	69	69.6
	MIN	56	50	42	32	32	41	40	38	32	35	45	42	32	46	41	35	39	40	36	43	40	38	31	44	50	40	40	42	53	59	46	41.3
GRENORA	MAX	78	82	78	72	75	76	78	62	60	68	78	73	75	73	67	72	72	71	66	51	47	51	67	72	69	80	81	80	82	88	84	71.9
	MIN	49	50	43	38	36	42	43	36	28	32	38	38	39	43	44	39	37	40	37	43	40	39	30	40	45	32	40	52	58	44	42	40.5
MANKINSON R R STATION	MAX	83	72	69	57	60	72	77	85	65	58	70	73	75	67	50	60	62	53	50	55	53	58	52	65	68	70	58	71	78	77	79	65.9
	MIN	55	45	39	30	38	33	52	58	32	39	44	47	43	45	39	35	43	37	40	43	45	41	37	37	48	44	38	49	52	52	59	43.2
MANNAH	MAX	77	59	59	65	72	78	75	72	60	70	73	70		71				72	62	60	56	50	66	77	74	65	68	71	78	79	75	68.7
	MIN	56	44	38	29	32	40	44	33	29	32	39	38		32				34	34	43	41	35	31	47	49	39	35	41	43	53	47	39.2
MANS8ORO	MAX	72		63	69	75	79	76	67	63	72	77	58	73	68	61	73	68	70	61	52	45	46	67	79	76	60	71	76	81	78	68	68.1
	MIN	55		37	28	36	43	42	36	28	33	40	37	31	41	34	33	41	36	33	43	38	35	29	44	45	39	36	39	47	50	47	38.5
HETTINGER	MAX	80	83	66	60	67	65	83	61	50	64	72	67	66	67	60	60	58	60	45	46	45	49	60	65	68	63	78	75		78	63	64.1
	MIN	47	43	48	40	36	43	38	42	35	29	42	52	41	47	44	37	45	44	40	42	40	39	33	37	47	34	42	53		53	47	42.0
MILLS8ORO	MAX	82	64	61	62	73	78	79	77	64	73	75	72	77	69	64	68	68	69	66	60	62	60	65	76	75	68	69	80	82	83	76	70.9
	MIN	59	49	38	28	35	40	50	41	30	38	40	38	41	51	37	34	46	40	39	45	45	40	39	43	53	43	35	48	48	52	59	42.7
JAMESTOWN CAA AP	MAX	70	74	60	62	72	77	78	59	61	69	75	71	69	61	64	66	65	65	58	49	53	53	63	72	67	64	74	81	79	79	71	67.1
	MIN	53	46	38	28	29	35	49	32	29	35	36	45	39	42	35	32	45	40	41	42	40	37	32	43	48	41	35	49	48	52	45	40.0
JAMESTOWN STATE HOSP	MAX	73	72	63	61	72	77	77	72	59	70	74	71	68	61	62	64	63	64	58	52	53	52	64	74	66	64	74	78	78	82	75	67.5
	MIN	54	47	43	31	29	36	51	41	30	35	36	46	40	48	36	33	46	40	42	42	45	39	33	42	52	44	37	48	50	54	55	42.1
KENMARE	MAX	81	77	75	65	67	74	75	80	53	60	69	77	59	75	70	67	73	72	73	52	47	44	50	66	75	61	65	78	80	81	85	68.6
	MIN	39	47	39	36	39	43	42	38	33	39	47	37	33	40	39	43	40	40	39	42	42	35	34	42	48	35	45	41	50	53	43	40.7
KENSAL WILOLIFE REFUGE	MAX	78	70	71	64	73	76	80	79	65	69	75	72	70	62	63	69	69	68	63	55	53	54	65	75	70	65	75	81	83	80	73	69.8
	MIN	54	47	40	28	29	38	50	39	27	34	35	43	38	50	34	29	39	44	42	44	44	38	32	43	53	44	34	43	43	48	50	40.5
LANGOON EXP FARM	MAX	80	60	58	65	72	78	76	73	63	70	75	73	72	70	64	72	70	66	63	60	50	48	65	75	73	63	67	78	78	81	75	68.8
	MIN	53	41	35	29	31	36	47	34	27	35	40	37	31	41	31	32	38	35	35	41	40	35	30	43	46	37	33	42	47	52	44	38.0
LARIMORE	MAX	78	61	61	64	73	80	75	70	65	70	68	77	78	72	68	71	70	70	67	62	54	52	65	76	74	62	70	80	83	83		70.0
	MIN	57	40	39	27	35	40	50	37	27	40	42	41	40	48	39	30	43	41	41	45	40	39	33	46	47	40	32	45	44	54		40.7
LEEOS	MAX	77	62	60	63	73	77	77	77	63	71	76	71	74	71	68	69	70	69	65	58	47	50	66	75	72	63	70	78	78	81	77	69.3
	MIN	54	46	40	27	35	45	47	36	29	35	48	42	33	41	36	37	37	38	36	43	41	36	31	45	52	41	40	38	44	59	47	40.6
LINTON	MAX	84	86	69	65	77	78	82	63	58	75	78	78	65	58	64	65	64	65	51	50	53	59	64	70	70	64	78	83	82	83	74	69.5
	MIN	52	51	45	41	27	34	45	46	31	41	41	51	46	48	39	34	45	43	43	45	45	39	33	34	53	50	35	47	56	53	48	43.3
L1S8ON	MAX	80	71	70	59	70	75	83	82	59	70	74	75	73	63	61	62	62	57	57	55	59	59	63	70	67	60	71	80	80	80	80	68.6
	MIN	56	44	43	26	28	40	56	46	26	32	35	43	41	47	38	30	46	36	45	45	49	42	33	41	53	45	31	46	54	55	55	42.2
LOSTWOOD 12 N	MAX	80	75	74	67	73	73	72	74	54		75	66	73	70	65	70	70	72	60	50	44	49	65	72	72	61	76	77	77	83	83	69.1
	MIN	46	47	38	37	35	40	49	36	28		34	36	31	39	37	37	37	37	37	40	39	34	30	43	43	34	39	41	49	50	43	38.9
MAOOOCK AGR SCHOOL	MAX	75	62	69	64	74	78	78	74	65	72	79	72	73	72	67	71	71	70	65	56	48	50	60	79	72	77	78	80	80	84	76	70.7
	MIN	54	42	39	30	30	32	49	37	29	33	36	42	36	46	36	30	40	40	37	43	42	37	30	35	55	41	36	41	46	54	46	39.5
MANOAN EXP STATION	MAX	79	82	83	60	62	70	72	79	50	59	66	74	71	67	63	63	66	64	66	54	48	47	52	63	72	71	63	78	78	79	80	67.1
	MIN	48	49	45	36	31	42	45	42	31	37	42	49	43	50	41	33	41	43	40	43	44	39	33	41	53	44	40	49	50	52	51	42.8
MANOAN FT LINCOLN PARK	MAX	83	86	73	64	72	74	79	72	61	67	74	72	68	67	64	65	66	64	50	48	57	65	68	73	72	68	79	77	80	81	78	69.9
	MIN	45	38	43	46	39	45	44	40	30	34	41	46	41	46	47	31	40	38	40	41	35	32	36	44	50	42	54	49	47	49	48	42.0
MARMARTM	MAX	76	80	86	74	60	73	66	85	57	53	69	77	67	61	60	62	62	64	65	48	51	44	49	63	70	69	68	81	80	80	82	67.2
	MIN	44	39	49	44	34	39	46	44	39	27	35	52	42	48	41	32	39	43	42	44	42	39	30	34	44	36	44	42	46	53	49	41.4
MAX	MAX	80	77	75	68	65	71	75	79	53	63	67	75	67	71	69	65	68	70	69	55	47	46	50	64	72	70	64	78	77	80	80	68.1
	MIN	49	51	43	38	32	38	45	37	31	33	39	43	38	40	39	35	39	41	38	42	41	37	30	38	50	40	43	48	50	50	45	40.7
MAYVILLE	MAX	77	60	53	63	73	78	74	72	64	71	77	76	74	68	66	70	63	69	64	60	55	55	67	72	68	64	68	81	82	80	80	69.2
	MIN	58	43	39	26	33	42	50	33	28	39	38	45	46	51	36	30	43	42	45	44	45	40	37	44	54	44	35	45	46	54	57	42.3
MC CLUSKY	MAX	75	73	65	62	72	75	79	75	61	69	76	74	70	65	69	71	70	68	58	54	45	51	56	74	71	60	76	78	84	83	75	68.8
	MIN	50	49	43	33	33	39	46	37	30	33	38	42	34	45	33	33	40	40	40	40	39	31	30	38	51	40	40	44	49	52	48	40.0
MC HENRY 5 N	MAX	73	61	57	59	71	78	75	68	63	70	75	69	73	67	60	68	66	69	62	55	50	52	64	75	68	62	73	78	81	80	72	67.5
	MIN	53	42	38	32	30	36	50	38	27	33	39	43	38	46	35	33	40	42	37	43	42	37	30	39	50	43	34	45	46	50	49	40.0
MC LEOO 3 E	MAX	85	72	61	62	70	77	84	85		62	71	70	71	68	61	62	65	61	58	59	51	60	60	73	70	63	72	80	80	80	76	69.0
	MIN	55	43	40	29	31	37	50	47		27	33	37	45	43	45	38	37		38	45	45	47	41	40	43	45		50	51	52	55	42.5
MC VILLE	MAX	70	62	59	61	70	76	73	69	61	68	74	69	71	69	61	69	67	66	62	49	50	50	63	75	69	60	70	78	80	81	71	66.9
	MIN	54	42	38	31	31		50	38	28	35	38	43	39	48	36	30	42	40	38	43	42	38	31	45	50	41	32	43	46	53	49	40.5
MEOORA 3 NNE	MAX	80	84	82	69	74	71	81	70	59	70	77	74	66	64	65	65	65	64	61	49	47	52	64	72	71	66	79	79	79	84	79	69.7
	MIN	47	37	47	43	32	40	35	42	34	23	40	48	41	50	45	34	28	33	37	44	42	39	27	31	39	36	38	39	43	52	49	39.2
MINOT CAA AP	MAX	74	73	63	65	72	76	78	57	60	68	75	61	74	69	64	70	69	70	55	49	45	49	66	74	70	64	77	78	78	80	66	67.4
	MIN	52	47	42	36	42	48	42	37	33	37	48	43	34	45	38	43	47	43	35	41	38	37	34	49	47	42	46	45	57	58	45	42.9
M1NOT EXP STATION	MAX	82	78	74	63	66	71	75	78	52	60	67	75	62	64	73	65	70	69	72	54	47	44	51	65	72	70	64	77	78	80	78	67.6
	MIN	50	48	42	34	36	45	40	36	31	34	45	43	35	36	35	38	40	40	35	42	42	36	32	45	49	39	43	42	52	56	45	40.8
MOFFIT 4 SE	MAX	82	82	79	61	70	72	77	76	58	67	74	68	63	60	60	65	63	64	50	50	49	51	62	72	71	67	77	76	78	79	71	67.5
	MIN	44	45	43	31	29	34	44	43	30	29	36	45	44	49	38	32	41	39	40	42	45	39	34	36	51	40	36	45	53	50	53	40.6
MOHALL	MAX	73	72	65	76	74	78	79	75	64	70	76	67	74	70	67	72	70	72	62	55	46	60	62	76	69	64	75	77	80	82	78	70.3
	MIN	55	45	40	30	31	32	39	39	29	32	44	38	30	41	38	33	35	38	35	43	40	35	34	46	42	38	41	41	50	55	45	39.2
MOTT	MAX	83	85	68	63	69	69	85	55	55	65	73	69	61	61	62	61	59	62	50	47	46	50	62	68	70	63	78	78	77	79	68	65.8
	MIN	48	37	46	37	30	37	35	43	34	25	37	51	37	47	37	30	43	35	38	42	39	38	30	32	51	35	39	42	47	49	48	39.3
MUN1ÇM 4 SW	MAX	76	60	60	65	72	76	77	74	62	70	74	68	72	69	63	69	68	67	63	58	47	47	66	76	74	70	67	77	78	80	75	68.4
	MIN	55	44	41	30	32	36	46	34	27	33	38	40	32	43	35	32	41	36	35	43	41	35	30	45	47	52	36	43	42	54	44	39.4

See reference notes following Station Index.

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	80	80	68	61	71	75	80	74	59	67	74	73	69	57	64	64	63	65	52	50	51	52	62	69	69	65	74	80	80		78	67.5
	MIN	51	46	42	31	29	33	48	42	29	37	40	47	40	46	35	42	46	40	42	42	43	37	35	39	54	42	37	52	54		54	41.8
NEW ENGLAND	MAX	80	84	68	64	69	68	81	53	55	67	73	67	63	60	63	61	62	61	55	46	45	49	62	69	69	64	77	77	78	81	68	65.8
	MIN	48	39	47	37	28	37	37	40	32	27	38	50	40	47	38	32	40	39	39	42	41	38	33	38	52	34	40	43	46	48	47	39.9
NEW SALEM 1 S	MAX	80	84	62	62	70	71	75	80	58	66	73	71	68	64	65	67	67	65	51	48	45	52	62	70	70	63	78	77	79	81		67.5
	MIN	41	43	34	42	33	41	42	42	31	36	37	49	37	46	38	36	35	41	38	41	38	38	31	39	51	46	42	50	53	53		40.8
NEWTOWN	MAX	79	79	70	65	73	74	76	66	61	68	76	72	73	71	68	69	70	70	64	51	46	51	64	72	71	65	78	79	78	84	84	69.9
	MIN	49	50	43	39	33	39	40	40	32	31	42	41	38	48	40	38	39	45	37	43	41	37	31	45	42	43	43	47	47	54	47	41.4
OAKES	MAX	81	75	74	53	60	68	74	83	61	57	69	72	73	64	53	60	62	57	54	56	51	59	54	62	68	65	61	71	78	77	78	65.5
	MIN	51	45	40	30	29	34	51	55	29	34	38	49	43	46	38	35	45	38	43	43	44	40	35	41	52	45	35	49	56	48	56	42.5
PARK RIVER	MAX	83	62	63	65	73	78	78	72	63	76	75	76	77	74	67	72	72	71	68	64	52	50	65	77	75	62	67	78	80	83	79	70.9
	MIN	58	42	42	30	40	46	49	35	31	37	39	42	38	46	38	34	43	40	37	45	43	36	35	49	49	46	37	45	47	57	52	42.2
PARSHALL	MAX	80	77	68	65	73	75	79	62	61	68	76	72	73	69	65	70	70	69	63	51	46	50	64	72	71	65	79	79	80	82	70	69.2
	MIN	46	51	42	34	31	39	38	39	30	26	42	44	30	42	39	35	34	38	35	43	40	37	29	41	42	39	37	40	45	55	42	38.9
PEMBINA 2 N	MAX	82	71		65	76	81	81	72	64	74	76	76	72	72	71	76	74	73	65	66			66	79	80	79	68	76	76	79		73.7
	MIN	58	46				42	42	40	25	29	50	40	34	45	42	30	42	38	46	38	41	36	29	56	50	41	30	39		56	47	41.2
PETERSBURG	MAX	75	59	58	62	70	75	72	69	61	68	74	69	73	65	61	69	66	67	63	60	49	47	62	73	68	61	65	76	79	80	72	66.7
	MIN	53	41	38	31	35	39	50	36	29	35	40	42	38	46	37	35	45	39	35	44	41	37	32	43	49	40	34	47	48	56	48	40.7
PETTIBONE	MAX	74	71	63	60	69	74	75	73	59	67	72	71	69	63	61	65	64	65	59	52	50	51	61	73	69	66	75	77	81	75	67	66.8
	MIN	56	45	41	31	31	40	48	38	29	32	40	42	40	48	36	34	42	42	39	40	42	36	30	36	51	39	36	48	50	50	50	40.7
PORTAL	MAX	85	80	83	65	68	75	77	77	53	60	70	75	58	75	71	66	73	71	72	53	42	44	48	70	75	70	67	77	78	80	81	69.0
	MIN	50	46	49	35	37	41	43	36	27	32	45	37	32	38	41	40	39	36	37	41	41	34	30	40	44	38	44	42	54	50	40	40.0
POWERS LAKE 1 N	MAX	76	75	66	65	72			65	58	74	70	68	72		70	70	70		52	50	42	45	65	70	68	65	78	77	78	82	84	67.7
	MIN	40	47	39	34	29			38	31	38	35	39	35		37	36	38		34	40	40	33	31	41	40	35	40	46	48	49	42	38.3
RAUB 10 SSW	MAX					75	72	80	62	67	75	79	77	70	74	67	68	66	69	59	47	48	51	63	71	69	64	79	80	80	83	68	69.0
	MIN				40	38	47	46	42	38	45	47	44	36	44	40	39	40	44	39	43	40	38	32	44	48	41	46	41	48	55	48	42.6
RICHARDTON ABBEY	MAX	82	83	74	64	71	70	81	68	60	67	74	70	66	63	64	64	62	64	61	47	45	49	63	70	68	62	78	77	79	82	68	67.6
	MIN	48	49	46	40	35	39	41	39	35	33	42	51	37	47	39	35	41	41	40	41	39	37	31	38	51	37	42	47	49	52	47	41.6
RIVERDALE	MAX	80	80	80	64	65	71	75	77	57	60	68	74	66	71	68	64	68	65	66	53	47	45	51	63	72	68	63	78	78	81	82	67.7
	MIN	47	49	44	36	30	32	43	39	34	35	40	45	35	46	38	36	40	40	39	41	41	38	35	39	53	41	40	47	51	53	49	41.2
ROLLA	MAX	71	60	60	65	71	75	77	70	60	68	74	56	71	67	60	72	67	68	63	57	45	47	65	75	73	61	70	76	77	76	73	66.8
	MIN	55	43	38	31	40	45	42	33	31	39	42	35	32	34	35	35	41	37	35	41	38	35	32	43	48	38	39	42	49	52	50	39.7
RUGBY	MAX	80	65	60	64	72	77	79	78	62	72	76	75	75	74	67	72	72	71	69	58	46	48	66	75	74	69	74	80	79	81	73	70.4
	MIN	55	51	42	32	34	42	47	38	32	38	41	42	38	48	40	38	38	42	38	44	42	37	30	47	54	41	38	47	50	60	46	42.3
SAN HAVEN	MAX	76	59	61	63	71	75	77	72	61	68	77	72	76	66	60	71	68	69	63	59	44	48	65	75	73	65	70	76	80	77	75	68.1
	MIN	55	46	41	37	34	46	48	34	32	36	45	39	42	48	39	35	45	43	38	42	41	35	34	43	48	38	40	46	50	57	48	42.1
SHARON	MAX	68	60	60	61	70	76	74	70	62	69	74	72	75	67	63	68	68	65	61	50	52	50	61	74	74	69	71	79	80	80	77	67.7
	MIN	54	40	37	27	31	37	50	38	27	35	38	43	40	48	34	30	42	40	38	42	42	38	31	42	47	41	32	44	46	55	50	40.0
STANLEY	MAX	78	79	66	66	72	73	77	65	59	69	74	68	73	70	65	69	71	70	65	60	49	49	65	72	68	64	78	78	78	83	84	69.6
	MIN	48	45	40	33	39	37	39	38	31	33	41	39	34	41	38	39	37	39	35	42	40	35	31	42	41	36	40	47	49	42	50	39.4
STEELE	MAX	81	85	70	62	70	75	79	70	61	68	75	75	71	69	65	67	66	68	63	53	50	53	64	72	70	68	77	80	81	82	76	69.9
	MIN	50	45	40	30	32	40	45	40	28	32	31	44	34	45	34	32	42	40	42	41	43	36	31	37	51	42	38	46	47	51	49	39.9
TIOGA 1 E	MAX	79	78	77	69	69	65	73	74	53	58	68	75		70	72	65	70	70	70	50	48	44	48	66	71	65	65	76	76	77	82	67.4
	MIN	50	50	42	38	39	40	40	38	25	29	44	35		38	40	39	37	44	33	37	38	34	28	40	39	32	39	41	49	56	39	39.1
TOWNER	MAX	76	70	64	69	74	78	78	75	64	78	79	74	75	72	71	73	71	74	67	66	47	53	67	77	72	65	77	82	83	84	71	71.8
	MIN	44	51	43	37	33	41	44	32	32	41	43	42	34	45	35	34	41	39	43	41	42	37	31	48	42	40	38	42	45	46	46	40.4
TURTLE LAKE	MAX	79	77	66	64	72	75	80	75	62	68	76	72	70	68	65	69	68	68	62	52	47	50	65	72	72	65	77	79	81	78	68	69.1
	MIN	49	49	42	33	30	39	44	37	30	34	42	44	37	45	37	35	39	41	38	40	37	38	31	41	51	40	44	45	50	53	46	40.7
UNDERWOOD	MAX	80	80	80	64	65	71	75	79	51	61	68	68	77	69	67	64	69	66	67	51	47	45	51	72	74	72	74	78	78	82	82	68.6
	MIN	48	50	44	35	31	32	42	39	34	35	39	37	38	45	37	35	36	41	38	41	42	37	32	39	39	36	39	45	52	50	46	39.8
UPHAM 3 N	MAX	84	69	64	69	75	80	77	76	63	71	79	72	77	72	67	74	72	78	70	59	48	52	68	78	75	68	76	80	84	82	71	71.9
	MIN	56	48	44	33	31	42	48	38	30	31	40	44	34	47	43	35	41	43	40	44	41	36	29	49	47	40	40	44	48	59	45	41.6
VALLEY CITY	MAX	79	73	70	63	74	77	78	77	59	71	77	75	74	68	64	67	66	66	64	59	57	54	64	75	68	63	73	80	81	80	80	70.2
	MIN	55	45	42	32	39	38	54	44	28	35	35	45	44	49	39	35	44	41	43	44	46	40	32	43	53	44	34	46	48	48	55	42.6
VELVA	MAX	84	78	73	61	68	75	80	80	54	64	71	79	62	73	70	65	73	70	71	57	48	46	52	67	76	73	65	77	79	83	85	69.6
	MIN	54	55	43	31	35	47	41	38	31	33	46	44	33	45	36	35	35	38	35	43	42	38	33	45	50	41	39	43	44	57	48	41.2
WAHPETON STATE SCHOOL	MAX	82	71	69	64	72	77	84	84	61	73	75	77	70	66	61	65	65	57	61	52	59	57	64	71	70	61	69	82	81	81	81	69.7
	MIN	57	46	39	33	35	41	55	50	28	36	41	51	44	46	39	35	45	38	45	46	48	41	35	42	55	44	35	50	53	51	58	43.9
WASHBURN	MAX	80	84	68	68	73	74	81	70	62	68	75	73	71	69	71	69	68	67	63	52	48	54	64	78	72	75	75	78	80	81		70.4
	MIN	50	48	45	35	34	42	45	40	30	34	40	47	38	47	38	38	38	40	41	43	41	38	33	34	53	42	43	47	50	52		41.5
WATFORD CITY	MAX	81	81	73	69	75	75	78	66	62	71	79	72	72	70	71	70	72	68	61	50	47	50	67	73	77	65	79	81	82	86	72	70.8
	MIN	49	50	45	43	38	45	41	40	35	34	46	46	39	46	42	38	40	44	40	44	42	37	32	41	44	35	47	51	48	57	46	42.7
WATFORD CITY 14 S	MAX	82	84	82	70	75	75	74	74	65	72	79	75	74	70	68	69	70	70	65	49	48	54	65	73	72	66	80	80	81	87	85	72.0
	MIN	50	48	42	43	38	43	38	40	35	32	44	45	37	42	44	41	34	39	41	41	40	36	27	38	41	34	44	45	45	55	45	40.9
WESTHOPE	MAX	77	71	65	66	75	77	80	59	64	70	75	57	75	72	65	74	68	72	58	50	46	51	66	77	72	65	75	79	81	78	68	68.6
	MIN	54	47	41	34	33	36	44	32	29	29	37	36	31	41	36	34	39	36	37	42	35	34	29	41	43	36	40	43	46	55	42	38.5
WILLISTON WB CITY	MAX	80	79	71	68	75	74	76	57	59	70	75	65	70	69	67	68	69	68	55	49	46	52	66	72	64	66	78	79	79	86	69	68.4
	MIN	52	53	48	45	45	51	46	40	35	36	51	45	43	50	45	44	42	48	43	44	41	36	32	42	44	36	50	51	53	58	46	45.0
WILLISTON EXP FARM	MAX	78	80	75	68	73	75	75	60	59	69	81	78	78	78	67	69	71	71	65	49	49	50	64	70	68	65	77	78	78	86	79	70.4
	MIN	47	47	41	40	36	48	43	35	31	31	44	38	38	39	42	38	39	39	38	40	37	33	28	34	44	32	45	45	45	45	41	39.5
WILLOW CITY	MAX	78	62	62	66	74	78	80	74	64	71	76	73	74	71	66	72	69	71	66	58	46	51	68	77	76	65	73	80	80	80	73	70.1
	MIN	52	44	40		25	34	41	38	26	31	39	41	34	41	41	29	40	36	31	42	42	36	30	49	40	39	32	41	40	44	46	38.1
WILTON	MAX	80	78	66	65	72	73	80	70	62	67	72	68	67	63	63	68	65	66	60	48	46	50	62	72	65	62	75	76	80	82	72	67.6
	MIN	45	45	42	34	30	36	43	38	30	35	38	45	38	45	35	32	48	38	38	39	40	35	31	38	50	40	40	40	48	48	45	39.6
WISHEK	MAX	77	78	78	56	60	68	73	78	52	57	66	71	70	65	55	61	62	60		62	58	54	51	60	61	66	62	72	78	77	69	65.2
	MIN	44	43	40	25	21	34	48	46	26	28	32	42	38	45	34	27	42	38		41	43	37	32	35	50	42	30	49	53	53		38.6

See reference notes following Station Index.

Table 6

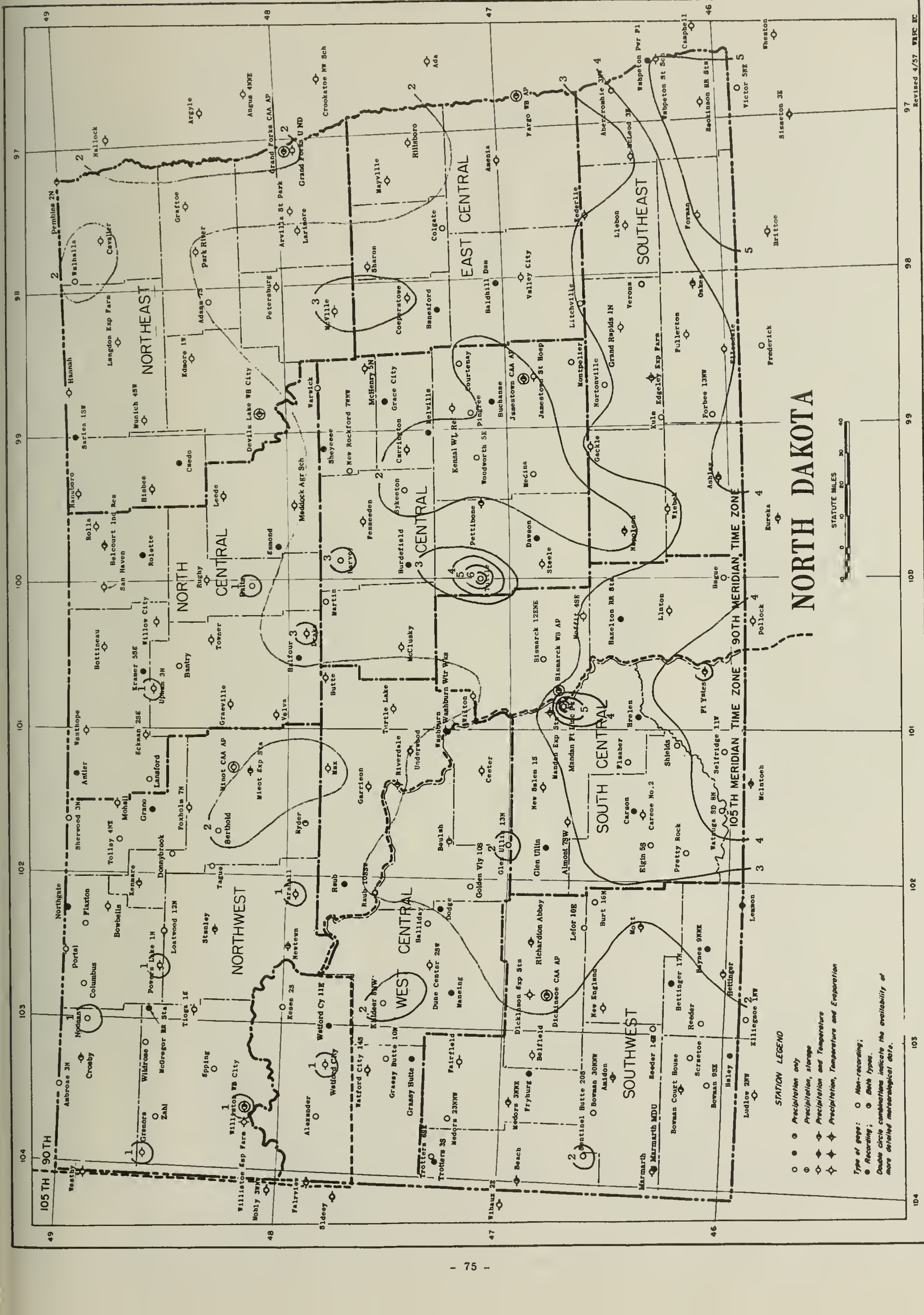
EVAPORATION AND WIND

NORTH DAKOTA
MAY 1957

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.16	.07	.13	.15	.24	.27	.15	.17	.14	.19	.22	.20	.19	.20	.24	.20	.18	.18	.16	*	*	.05	.16	.30	.07	.26	.13	.17	.16	.20	.34	5.28
	WIND	70	114	106	50	48	61	36	62	55	54	41	52	63	69	49	32	32	33	60	97	86	110	52	93	27	120	27	32	20	46	91	1888
DICKINSON EXP STATION (A)	EVAP	.20	.19	.21	.28	.25	.21	.17	.08	.13	.08	.22	.22	.18	.17	.05	.17	.16	.10	.20	.04	.02	.05	.07	.13	.12	.28	.20	.15	.13	.07	.33	4.86
	WIND	220	120	140	210	140	105	125	90	80	45	145	170	130	110	145	75	110	50	220	220	210	180	100	70	80	230	50	80	60	90	140	3940
EDGELEY EXP FARM	EVAP	.30	.19	.34	.12	.23	.21	.30	.27	.18	.14	.20	.32	.24	.07	.04	.24	.24	.16	.13	*	*	.08	.09	.22	.21	.10	.25	.21	.23	.23	.32	5.86
	WIND	71	105	162	78	55	53	76	74	132	66	41	55	93	117	128	60	64	86	100	120	165	105	53	67	77	137	88	60	48	30	90	2656
MANDAN EXP STATION (A)	EVAP	.16	.18	-	.16	.18	.18	.10	.19	.13	.11	.17	.20	.17	.17	.17	.17	.17	.18	.16	.11	*	*	.03	.19	.11	.31	.18	.13	.14	.19	.24	4.738
	WIND	149	284	130	181	77	85	134	116	127	51	86	120	181	185	99	128	87	72	137	274	239	263	100	69	90	299	144	109	98	78	44	4236
RIVERDALE	EVAP	.38	.39	.06	.31	.33	.31	.28	.33	.14	.22	.28	.39	.37	.22	.32	.32	.27	.20	.18	.06	.09	.04	.10	.28	.30	.25	.24	.28	.34	.33	.35	7.96
	WIND	178	293	263	191	123	101	118	91	133	53	117	147	174	156	209	125	65	86	150	280	276	230	95	115	93	193	83	75	67	94	153	4527
WILLISTON EXP FARM	EVAP	.35	.28	.40	.27	.39	.39	.27	.14	.21	.31	.35	*	.71	-	.33	.31	.35	.27	*	*	.35	.14	.25	.30	.44	.29	.32	.24	.32	.36	-	8.928
	WIND	219	141	195	150	84	108	63	144	55	110	91	381	*	120	129	62	60	87	197	227	224	199	110	108	186	66	113	57	48	82	218	4034

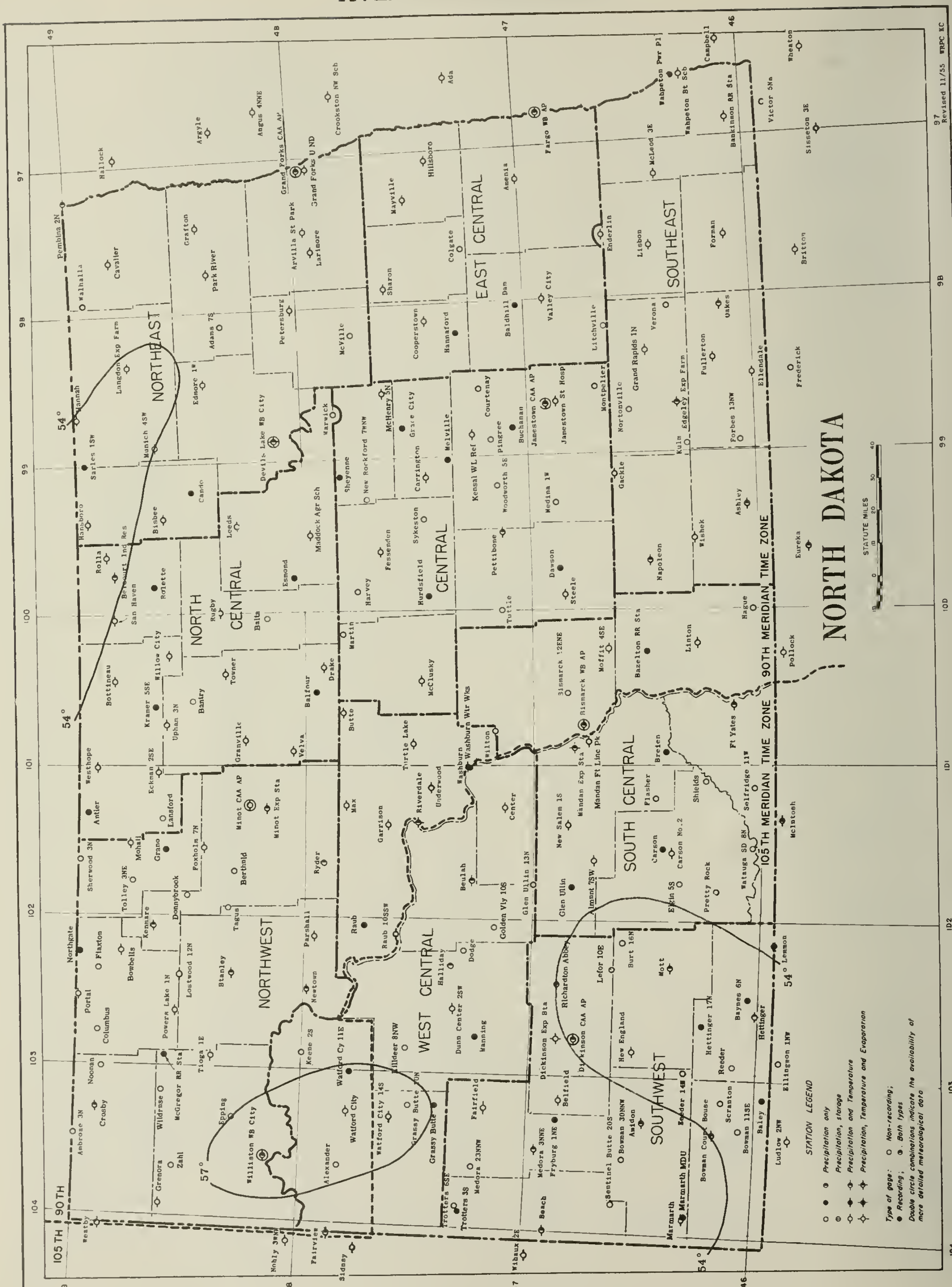
(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Rogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Fred Fleener	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. R. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 18	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 8 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Ranson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Barry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1818	Stutsman	5	47 13	98 34	1523		6P	G. B. Banawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Doneybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John R. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MID	John Syminow	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Bummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert N. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Boederud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3698	McKenzie	7	47 24	103 14	2660		MID	V. F. Kreinbrink	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	6P	6P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	John Grinnell	3
Hankinson R R Station	3908	Richland	10	48 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John N. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	48 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo. B. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1874	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	8	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	CLOSED - - - - -	4/10/57
Marmarth	5575	Slope	7	48 18	103 55	2710	8A	8A	E. B. Jestnes	2 3 5 C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2083	8A	8A	R. B. Schafer	2 3 5 7
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	-		MID	L. E. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	48 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Taegney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Roltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin N. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoeb	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	87 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	8P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Nellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 7-1-57 -- 850

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

JUNE 1957
Volume LXVI No. 6

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ASHEVILLE: 1957

WEATHER SUMMARY

Temperatures were cool. While precipitation amounts varied greatly, soil moisture supplies were adequate in most sections. In a few areas moisture was excessive. Precipitation was well distributed and as a result small grain crops and pastures were generally in excellent condition. The most destructive tornado of record for North Dakota struck Fargo on June 20.

Coolest temperatures for the month were reported at most stations on the 1st. Several stations reported minimum temperatures below freezing on that date. Drake registered 29°, Powers Lake 30°, Arvilla State Park and Willow City 31°, and Hannah and Parshall 32°. Temperatures warmed rapidly after the 1st. Warming temperatures with abundant sunshine the first week promoted rapid crop growth and speeded planting. Only scattered showers occurred during the first few days of the month.

Many stations reported their highest temperatures during the period from the 3rd to the 6th. The highest temperature for the month, 90°, was registered at Linton on the 5th. The 90° high also was reported at Jamestown State Hospital on the 9th and at Williston Weather Bureau City station on the 30th.

Cooler weather with more frequent showers set in on the 7th. Except for a few days with clear skies and warmer temperatures, cool, cloudy, showery weather was the rule the remainder of the month. Moderate to heavy showers occurred mostly in northeastern and north-central sections on the 8th and 9th, mostly in the southeast on the 14th, and in northern areas on the 16th to 18th. Rainfall also fell from the 20th to 22d, and 24th to 28th.

The heaviest and most widespread precipitation for the month occurred from the 20th to 22d. These heavy rains fell slowly, permitting the ground to absorb much of the moisture. There was some run-off, however, especially in southwestern North Dakota where 24-hour amounts of more than three inches were common. There was a little flooding along the Cannonball River. At Amidon, 6.75 inches of precipitation fell from 7:30 a.m. on the 21st to 8:00 a.m. on the 22nd, a period of slightly more than 24 hours. According to Mr. F. J. Bavendick, State Climatologist, a 24-hour amount of more than 6.75 inches has been reported only once in North Dakota. That occurred 60 years ago in a 24-hour downpour of 7.70 inches in 1897 at McKinney.

Monthly average temperatures ranged from less than 58° at several northern stations to about 65° at Wahpeton in southeastern North Dakota. All sections experienced average temperatures below the long-term means. Temperature departures at stations with 25-year means ranged from +0.6° at Crosby to -4.2° at Grafton. Crosby was the only station in the State with temperatures above the long-term means.

Precipitation amounts varied considerably over the State because of the showery conditions. Over much of the southwestern section monthly rainfall amounted to more than 200 percent of the long-term means. Amidon with 11.80 inches reported the greatest monthly total. Bowman 30 NNW reported 10.88 inches. At the other extreme monthly precipitation amounted to less than half the long-term means in much of Sioux, Emmons, and McIntosh Counties in south-central North Dakota and less than two-thirds in the extreme northwestern section. Several stations in these areas as well as in the central division received less than two inches of rain for the month. Wishek with 1.71 inches reported the smallest monthly amount.

Precipitation was well distributed through the month. Most stations reported a tenth of an inch of rain or more on six or more days during the month. Several stations reported a tenth of an inch or more on 10, 11, or 12 days.

The cool wet weather in June was favorable for the small grain crops although growth and development was behind that of a year ago. Heavy stands were reported in most sections and prospects for a good crop were generally favorable.

Corn and soybeans, however, were retarded and needed warm, sunshiny weather for optimum growth and development, and drier soils to permit cultivation. Weed growth was a problem in some fields. Haying was delayed. First cutting of alfalfa, which was better than in most years, was damaged by the frequent rains. Pastures continued to make good to excellent growth.

Topsoil moisture was adequate in most sections of th State except for the extreme northwest, and in a few sand soil areas in the north-central section. Excessive moisture was reported in much of the southwest and in the Re River Valley. Subsoil moisture supplies were adequat to plentiful in all areas except the extreme northwester corner of the State.

THE FARGO TORNADO JUNE 20

The most devastating tornado of record for North Dakot struck Fargo at 6:40 p.m., June 20, 1957. Ten person were killed including seven children, six from one family At least 103 persons were injured, of which 18 were seriously hurt and remained hospitalized five days after th tornado.

Property losses were estimated in the millions of dollars The tornado destroyed or damaged 1364 homes, 4 churches 3 schools, and at least 15 commercial buildings. Ther were 329 dwellings completely destroyed. The America Red Cross estimated that 1300 to 1400 persons were homeless.

The tornado was first observed near Wheatland, 30 mile west of Fargo. As the storm moved eastward, funnel cloud touching the ground were reported near Casselton at 5:4 p.m., and near Mapleton at 6:15 p.m. The tornado wa reported west of Fargo at 6:28 p.m. As the tornado funne approached the city it traveled in an east-southeasterl direction striking the western edge of Fargo in the Golde Ridge Addition, a low-cost housing area. Everything wa demolished in the Addition as the tornado swept a complet path of destruction about 800 yards wide. All of th deaths and most of the injuries occurred in this area From there the tornado path narrowed to about 400 yard as it gradually changed its direction to move east-nort eastward through a well-built residential section in th northern part of the city. Damage in this area varie from minor loss to complete destruction. The tornad moved forward slowly at a rate of about 15 to 18 mile per hour.

The path became wider soon after the tornado changed direction; as it crossed North Broadway Street about one half mile north of the main business section, the pat was 1000 yards wide. From there the path narrowed again and became less than 400 yards wide as it crossed the Re River into Minnesota. In Minnesota, the path of destruction continued for about three miles in north Moorhea and adjacent farming areas.

The total length of the tornado path was about 56 miles 30 miles in North Dakota, and 26 miles in Minnesota. Damage was severe in a continuous path about nine miles lon from west of Fargo to east of Moorhead. Objects wer carried for miles. A letter from the western part o Fargo was found north of Detroit Lakes, Minnesota, a distance of about 50 miles. A refrigerator from a home i the Golden Ridge area was found in Moorhead about thre miles away.

Weather Bureau forecasts and warnings were given widespread distribution by radio and television. Many live were spared, and injuries prevented because most resident either took shelter in basements or drove away from th area in automobiles.

Rainfall, following the tornado, amounted to 0.30 inc at the airport. Hail was reported in some areas in th northern part of the City. Continuous rain on the 22d totaling 2.77 inches caused additional loss to unprotecte property damaged by the tornado.

Tornadoes are of infrequent occurrence in North Dakota Mr. F. J. Bavendick, State Climatologist for North Dakota in his publication "Climate and Weather in North Dakota," stated about 50 tornadoes have been reported in the Stat during the 25-year period ending in 1952.

Only one tornado has been reported in Fargo previousl and that occurred in the west section of Fargo, less tha a year ago, on August 30, 1956. One of the building destroyed by the tornado in 1956 was being rebuilt o the same site when it was struck again and demolishe by the tornado of June 20, 1957.

(Continued on Page 90)

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 12:00A CST	Relative humidity averages - percent: 6:00A CST	Relative humidity averages - percent: 12:00P CST	Relative humidity averages - percent: 6:00P CST	Number of days with precipitation: Trace	Number of days with precipitation: .01–.09	Number of days with precipitation: .10–.49	Number of days with precipitation: .50–.99	Number of days with precipitation: 1.00–1.99	Number of days with precipitation: 2.00 and over	Number of days with precipitation: Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ISMARCK WB AIRPORT	WNW	12	10.5	40	E	16	80	84	53	51	3	8	3	3	0	0	17	56	6.9
EVILS LAKE WB CITY	–	–	7.9	24	NE	17	–	88	61	56	8	2	7	3	0	0	20	58	6.9
ARGO WB AIRPORT	N	17	14.8	60	N	22	83	88	62	56	5	5	5	2	0	1	18	58	7.0
ILLISTON WB CITY	–	–	7.0	29	NW	25	–	85	53	45	1	9	7	1	0	0	18	62	7.4

CLIMATOLOGICAL DATA

ABLE 2

Station		Temperature: Average Maximum	Temperature: Average Minimum	Temperature: Average	Temperature: Departure from Long-Term Mean	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Temperature: Degree Days	No. of Days: Max. 90° or Above	No. of Days: Max. 32° or Below	No. of Days: Min. 32° or Below	No. of Days: Min. 0° or Below	Precipitation: Total	Precipitation: Departure from Long-Term Mean	Precipitation: Greatest Day	Precipitation: Date	Snow, Sleet: Total	Snow, Sleet: Max. Depth on Ground	Snow, Sleet: Date	No. of Days: .10 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		73.6	47.8	60.7		83	5	36	1	137	0	0	0	0	3.56		1.01	17	.0	0		8	2	1
CROSBY		74.8M	47.7M	61.3M	0.6	85	30	38	1	118	0	0	0	0	2.07	- 1.22	.37	17+	.0	0		8	0	0
FOXHOLM 7 N		75.5M	47.9	61.7M	- 0.4	83	4	36	1	103	0	0	0	0	4.80	1.28	1.70	17	.0	0		9	3	1
GRENORA		74.3	47.2	60.8		85	5	37	1	138	0	0	0	0	2.92		.80	17	.0	0		10	1	0
KENMARE	AM	71.5	47.7	59.6		85	6	36	1	165	0	0	0	0	3.76	.24	1.10	17	.0	0		10	2	1
LOSTWOOD 12 N		72.0M	44.9M	58.5M				34	1	192	0	0	0	0	3.64		1.46	17	.0	0		11	1	1
MINOT CAA AP		71.6	50.3	61.0		84	5	40	1	134	0	0	0	0	3.56		2.12	17	.0	0		5	1	1
MINOT EXP STATION	AM	70.5	48.3M	59.4M		83	6	38	1	170	0	0	0	0	4.05		1.94	18	.0	0		7	2	2
MOHALL		73.6	48.3	61.0	- 0.9	81	5+	34	1	127	0	0	0	0	3.24	- .77	1.59	17	.0	0		7	1	1
NEWTOWN		74.0	48.9	61.5	- 0.2	85	5	35	1	123	0	0	0	0	3.31	- .30	.87	17	.0	0		6	3	0
PARSHALL		74.7	48.0M	61.4M		85	5+	32	1	124	0	0	1	0	2.62	- .92	.75	17	.0	0		7	2	0
PORTAL	AM	73.2M	47.0M	60.1M	- 0.6			36	1	161	0	0	0	0	2.56	- 1.22	.45	21	.0	0		8	0	0
POWERS LAKE 1 N		72.3M	46.3M	59.3M		84	30	30	1	176	0	0	1	0	3.33		1.00	16	.0	0		10	2	1
STANLEY		73.5	47.8	60.7		85	30	36	1	136	0	0	0	0	2.47		.71	16	.0	0		7	2	0
TIOGA 1 E	AM	70.6	45.9	58.3		84	6	35	1	202	0	0	0	0	2.89		1.12	17	.0	0		7	1	1
WILLISTON WB CITY	R//	73.5	51.7	62.6	- 0.4	90	30	44	1	103	1	0	0	0	2.38	- 1.21	.54	16	.0	0		8	1	0
WILLISTON EXP FARM		74.1	45.8M	60.0M		89	30	39	1+	160	0	0	0	0	2.67		.61	17	.0	0		8	1	0
DIVISION				60.5	- 0.7										3.17	- .42			.0					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		70.2	46.4M	58.3M		79	5	34	7	194	0	0	0	0	2.57		1.08	17	.0	0		7	1	1
BOTTINEAU	AM	71.1	47.1	59.1	- 2.4	81	13+	35	1	175	0	0	0	0	3.28	- .52	1.18	18	.0	0		9	1	1
DRAKE	AM	71.6	49.4	60.5	- 2.1	81	6+	29	1	140	0	0	1	0	4.47	.74	2.00	9	.0	0		6	3	2
ECKMAN 2 SE	AM	71.9	47.2	59.6	- 1.8	82	30	35	1	164	0	0	0	0	3.59		2.17	18	.0	0		7	1	1
GRANVILLE		73.4	49.3	61.4	- 1.0	82	5+	35	1	112	0	0	0	0	3.79	- .14	1.45	17	.0	0		9	2	1
LEEDS		73.2	47.3	60.3		81	19	37	1+	140	0	0	0	0	2.98		1.18	17	.0	0		9	1	1
MADDOCK AGR SCHOOL		75.4	47.8	61.6	- 1.0	84	5+	36	1	108	0	0	0	0	2.09	- 1.48	.67	17	.0	0		7	1	0
ROLLA		69.3	46.5	57.9		79	19	40	1+	209	0	0	0	0	2.80		1.36	17	.0	0		6	1	1
RUGBY		75.6	48.9M	62.3M		82	5			83	0	0		0	4.08	.71	2.42	17	.0	0		6	2	1
SAN HAVEN		71.7	47.5	59.6	- 1.3	78	5+	40	1+	153	0	0	0	0	2.88	- .63	.80	17	.0	0		9	2	0
TOWNER		74.7	47.6	61.2	- 1.3	83	5+	36	1	117	0	0	0	0	3.69	.00	1.30	17	.0	0		8	2	2
UPHAM 3 N		74.6	48.5	61.6		82	19	36	1	107	0	0	0	0	4.50		1.77	9	.0	0		6	2	2
VELVA	AM	73.1	49.0	61.1	- 2.1	84	6	36	1	134	0	0	0	0	3.13	- .52	1.26	17	.0	0		3	3	1
WESTHOPE		71.9	45.4	58.7	- 3.4	82	19	33	1	185	0	0	0	0	3.99		1.85	17	.0	0		10	2	1
WILLOW CITY		73.5	45.7	59.6	- 1.9	82	19	31	1	157	0	0	1	0	3.36	- .34	1.34	17	.0	0		10	1	1
DIVISION				60.2	- 1.7										3.41	- .36			.0					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		75.8	46.4	61.1		87	19	31	1	123	0	0	2	0	2.51		.59	9	.0	0		7	2	0
BISBEE		72.0	46.9	59.5		81	24	38	1	158	0	0	0	0	3.07		1.52	17	.0	0		7	1	1
CAVALIER		72.7	48.2	60.5		80	20+	38	12	135	0	0	0	0	4.58		1.03	25	.0	0		10	4	1
DEVILS LAKE WB CITY	R//	70.7	48.9	59.8	- 2.6	83	19	39	1	155	0	0	0	0	4.14	.96	.96	9	.0	0		10	3	0
EDMORE 1 W		71.8	45.2	58.5		82	19	35	1+	189	0	0	0	0	2.97		.46	17	.0	0		10	0	0
GRAFTON		72.5	47.6	60.1	- 4.2	82	19	36	12	144	0	0	0	0	2.83	- .36	.69	25	.0	0		9	1	0
GRAND FORKS CAA AP	R	72.1	48.4	60.3		86	19	37	1	143	0	0	0	0	3.04		.74	14	.0	0		8	2	0
GRAND FORKS UNIVERSITY		73.0	48.5	60.8	- 3.2	87	19	37	12	126	0	0	0	0	3.78	.21	.81	14	.0	0		10	3	0
HANNAH		70.2M	45.2M	57.7M		77	5+	32	1	207	0	0	1	0	4.39	.73	2.10	17	.0	0		9	1	1
HANSBORO		69.7M	45.5M	57.6M	- 2.7	80	12	34	1	218	0	0	0	0	2.79	- .94	1.37	17	.0	0		7	2	1
LANGDON EXP FARM		70.8	43.9	57.4	- 3.9	79	5	33	1	219	0	0	0	0	3.17	.11	.91	27	.0	0		8	2	0
LARIMORE		75.6	48.8	62.2	- 1.2	86	19	39	12	93	0	0	0	0	3.52	.43	.83	9	.0	0		9	4	0
MC VILLE		73.3	47.1	60.2		84	19	37	1	145	0	0	0	0	3.27		1.02	9	.0	0		9	1	1
MUNICH 4 SW		71.7	44.6	58.2		79	12+	34	1	199	0	0	0	0	3.47		1.63	17	.0	0		9	2	1
PARK RIVER		72.8	49.3	61.1	- 2.0	84	19	38	1	121	0	0	0	0	3.69	.63	.90	5	.0	0		10	1	0
PEMBINA 2 N		71.8	45.8	58.8		83	30	33	7	181	0	0	0	0	3.46	.39	.75	25	.0	0		7	4	0
PETERSBURG		71.2	47.8	59.5		82	19	39	12	161	0	0	0	0	2.97	- .18	.80	9	.0	0		8	2	0
DIVISION				59.6	- 2.6										3.39	.07			.0					
WEST CENTRAL DIVISION																								
BEULAH	AM	73.8	49.3	61.6		86	6	41	10	124	0	0	0	0	4.94		3.26	22	.0	0		7	2	1
BUTTE	AM	72.5M	48.7M	60.6M		82	6			139	0	0	0	0	2.25		.92	17	.0	0		5	2	0
CENTER		75.0	48.0M	61.5M		86	5	37	1	113	0	0	0	0	3.22		.77	17	.0	0		9	2	0
DUNN CENTER 2 SW	AM	71.2	50.7	61.0	- 0.4	83	4	42	14	135	0	0	0	0	6.00	2.15	3.07	22	.0	0		7	2	2
GARRISON	AM	72.6	47.3	60.0	- 2.8	85	6	39	1	157	0	0	0	0	3.04	- .44	.96	9	.0	0		6	2	0
MAX	AM	71.3	48.2	59.8	- 2.3	83	6	40	1+	161	0	0	0	0	3.80	- .18	1.09	9	.0	0		7	3	1
RAUB 10 SSW		73.3M	50.1M	61.7M		85	30	42	10+	115	0	0	0	0	4.36		1.40	21	.0	0		7	3	2
RIVERDALE	AM	71.7	50.3	61.0		82	4+	42	10	128	0	0	0	0	3.67		2.05	17	.0	0		4	2	1

See reference notes following Station Index.

Station		Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
TURTLE LAKE		75.6	48.1	61.9		85	5	39	1	105	0	0	0	0	2.65		.70	17	.0	0		7	2	0
UNDERWOOD	AM	72.0	48.8	60.4		85	6	38	1	148	0	0	0	0	4.59		1.72	17	.0	0		8	3	2
WASHBURN		75.9	49.8	62.9	- 1.4	87	5	40	1+	94	0	0	0	0	4.46	.77	.85	17	.0	0		9	5	0
WATFORD CITY		75.3	49.5	62.4	- 0.5	89	30	42	14	103	0	0	0	0	4.14	.56	1.31	21	.0	0		10	3	1
WATFORD CITY 14 S		77.7	46.6M	62.2M		87	5+	37	14	109	0	0	0	0	4.51		.93	16	.0	0		12	4	0
WILTON		73.2	47.6	60.4		85	5	39	10	139	0	0	0	0	2.99		1.30	17	.0	0			1	1
DIVISION				61.2	- 1.1										3.90	.11			.0					
CENTRAL DIVISION																								
CARRINGTON	AM	72.1	47.7	59.9	- 2.6	83	10+	38	1+	153	0	0	0	0	3.48	- .16	.90	9	.0	0		11	2	0
FESSENDEN		75.9M	49.0	62.5M	- 0.3	85	5	38	1+	83	0	0	0	0	2.32	- 1.04	.70	17	.0	0		10	1	0
JAMESTOWN CAA AP	R//	74.1	48.3	61.2		89	9	37	1	124	0	0	0	0	2.60		.70	22	.0	0		6	1	0
JAMESTOWN STATE HOSP		75.5	49.8	62.7	- 1.9	90	9	40	1	91	1	0	0	0	2.70	- .62	1.36	22	.0	0		6	1	1
KENSAL WILDLIFE REFUGE		77.2M	47.0M	62.1M		86	3+	38	16	102	0	0	0	0	3.39		.83	20	.0	0		10	1	0
MC CLUSKY		74.9	45.8	60.4	- 2.4	85	3+	33	12	141	0	0	0	0	4.94	.87	2.57	9	.0	0		8	2	2
MC HENRY 5 N		72.8	47.6	60.2		84	9+	36	1	145	0	0	0	0	2.70		.42	27	.0	0		8	0	0
PETTIBONE		74.9	48.3	61.6	- 1.2	86	9	38	1	108	0	0	0	0	2.01	- 1.00	.57	17	.0	0		6	1	0
STEELE		76.4M	48.2M	62.3M	- 0.7	88	9	36	1	99	0	0	0	0	3.26	- .62	.83	17	.0	0		7	3	0
DIVISION				61.4	- 1.2										3.04	- .53			.0					
EAST CENTRAL DIVISION																								
AMENIA		76.1	50.3	63.2		85	20	37	12	70	0	0	0	0	5.99		1.80	22	.0	0		10	4	2
COOPERSTOWN		74.9	47.1	61.0		87	9	37	1	123	0	0	0	0	4.26	.88	1.32	22	.0	0		10	3	1
FARGO WB AP	R//	73.8	51.6	62.7	- 1.9	86	19	39	1	88	0	0	0	0	5.47	2.43	2.77	22	.0	0		8	3	1
HILLSBØRO		75.6	49.3	62.5	- 2.2	85	19	38	12	86	0	0	0	0	4.58	.81	1.50	22	.0	0		11	2	2
MAYVILLE		74.4	50.6	62.5	- 2.2	83	20	40	1+	90	0	0	0	0	4.63	1.11	1.06	14	.0	0		10	3	1
SHARON		72.1	48.4	60.3	- 2.4	84	9	38	1	143	0	0	0	0	4.09	.73	.96	12	.0	0		9	3	0
VALLEY CITY		76.6	49.6	63.1	- 2.0	88	9	40	1+	72	0	0	0	0	5.27	1.97	1.90	22	.0	0		8	4	3
DIVISION				62.2	- 2.0										4.90	1.45			.0					
SOUTHWEST DIVISION																								
AMIDON	AM	M	M	M							0	0	0	0	11.80				.0	0				
BEACH	AM	71.8	49.2	60.5		87	4	38	15	158	0	0	0	0	6.81		2.73	17	.0	0		11	3	2
BELFIELD		72.3	47.4	59.9		88	5	40	2	164	0	0	0	0	8.99		1.98	21	.0	0		12	5	4
BOWMAN COURT HOUSE		73.2	47.8M	60.5M	- 1.7	83	5+	38	15	149	0	0	0	0	7.11		2.59	22	.0	0		9	3	3
DICKINSON CAA AP	R//	71.6	49.1	60.4		84	5	41	14	154	0	0	0	0	7.68		3.09	21	.0	0		8	3	2
DICKINSON EXP STATION	AM	72.1	48.8	60.5	- 0.9	84	6	39	1	148	0	0	0	0	6.61	2.63	3.25	22	.0	0		7	2	2
FAIRFIELD		71.5	48.6	60.1		82	5+	40	14	156	0	0	0	0	5.81		1.69	21	.0	0		8	3	3
HETTINGER		71.4	49.9	60.7	- 2.8	84	30	40	15	144	0	0	0	0	5.64	2.17	2.60	22	.0	0		11	2	2
MARMARTH	AM	73.5	48.2	60.9	- 2.7	88	4	35	15	154	0	0	0	0	5.57	1.98	2.37	17	.0	0		9	2	2
MEDORA 3 NNE		76.0	47.9	62.0		85	3+	36	1	118	0	0	0	0	7.33		1.98	21	.0	0		11	4	4
MOTT		72.6	47.7	60.2	- 3.2	85	3	38	1	155	0	0	0	0	6.08	2.43	2.05	21	.0	0		9	4	2
NEW ENGLAND		72.0	48.8	60.4	- 3.0	83	5+	40	15	148	0	0	0	0	8.93	4.93	3.20	21	.0	0		6	5	3
RICHARDTON ABBEY		74.0	49.5	61.8	- 0.8	84	5	41	10	116	0	0	0	0	6.52	2.53	2.10	22	.0	0		6	4	3
DIVISION				60.7	- 1.8										7.30	3.53			.0					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		74.1	50.6	62.4		85	5	41	1	108	0	0	0	0	4.25		1.37	16	.0	0		6	4	1
BISMARCK WB AP	R//	74.9	50.6	62.8	- 1.5	88	5	41	1	93	0	0	0	0	2.56	- .77	.65	27	.0	0		6	3	0
CARSON NO 2	AM	72.5	49.1	60.8	- 2.7	85	6	39	1+	140	0	0	0	0	4.58	.71	2.25	22	.0	0		9	2	2
FORT YATES	AM	76.3M	50.3M	63.3M	- 2.1	88	20	38	1	76	0	0	0	0	1.75	- 1.83	.90	22	.0	0		4	1	0
LINTON		77.7	49.9	63.8	- 1.3	90	5	35	1	69	1	0	0	0	2.04	- 2.05	.48	16	.0	0		6	0	0
MANDAN EXP STATION	AM	72.9	50.9	61.9	- 2.0	86	10	38	1	113	0	0	0	0	2.74	- 1.04	1.01	17	.0	0		4	2	1
MANDAN FT LINCOLN PARK		77.3	49.1	63.2		87	20	40	26	86	0	0	0	0	3.60		.73	27	.0	0		7	2	0
MOFFIT 4 SE		76.1	48.3	62.2		85	9	35	1	97	0	0	0	0	3.03		.84	27	.0	0		7	2	0
NEW SALEM 1 S		74.7	48.7	61.7	- 1.4	86	5	41	10+	116	0	0	0	0	5.34	1.80	1.60	16	.0	0		9	4	2
DIVISION				62.5	- 1.5										3.32	- .57			.0					
SOUTHEAST DIVISION																								
ASHLEY		73.7	49.2	61.5	- 1.8	85	5	37	1	117	0	0	0	0	2.93	- .90	.73	14	.0	0		7	2	0
EDGELEY EXP FARM	AM	73.7	49.3	61.5	- 2.4	85	20	38	1	116	0	0	0	0	3.64	- .12	1.43	14	.0	0		8	2	1
ELLENDALE		75.9	51.1	63.5	- 1.5	85	5	42	1	67	0	0	0	0	3.25	- .60	1.40	14	.0	0		9	1	1
ENDERLIN	AM	74.8	48.8	61.8		87	20	38	1	114	0	0	0	0	4.41		1.28	14	.0	0		7	3	2
FORMAN		76.2	51.5	63.9		87	20	40	1	67	0	0	0	0	5.58	1.66	2.31	14	.0	0		10	2	1
FULLERTON		75.7	50.4	63.1	- 2.2	86	19	41	1	72	0	0	0	0	3.89	- .08	1.28	14	.0	0		8	3	1
GACKLE		77.0	51.2	64.1		87	5	44	7	56	0	0	0	0	2.23		.52	16	.0	0		7	2	0
GRAND RAPIOS 1 N		78.4	49.4M	63.9M		88	5+	39	3	48	0	0	0	0	4.04		1.41	27	.0	0		8	3	1
HANKINSON R R STATION	AM	74.0	52.3	63.2	- 2.7	85	21	43	12	81	0	0	0	0	5.77	1.86	2.25	21	.0	0		10	3	2
LISBON		76.7	51.0	63.9	- 1.1	85	20	37	1	71	0	0	0	0	4.99	1.13	2.56	14	.0	0		9	1	1
MC LEOD 3 E		77.8	49.9M	63.9M	- 1.3	85	3+	39	2	59	0	0	0	0	3.83	.39	1.21	22	.0	0		8	3	1
NAPOLEON		76.0	50.8	63.4	0.0	87	5	36	1	76	0	0	0	0	2.59	- 1.13	.82	27	.0	0		6	1	0
OAKES	AM	72.9	51.0	62.0	- 3.1	85	21	41	1	106	0	0	0	0	2.82	- .86	.83	14	.0	0		9	1	0
WAHPETON STATE SCHOOL		77.6	52.2	64.9	- 1.9	85	5	40	1	45	0	0	0	0	5.06	1.49	1.16	21	.0	0		11	2	2
WISHEK	AM	73.5M	46.9M	60.2M	- 2.8	83	3+	37	1	151	0	0	0	0	1.71	- 2.05	.40	14+	.0	0		6	0	0
DIVISION				63.0	- 1.6										3.78	- .01			.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
JUNE 1957

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 5 NW	3.98		T							.04	.14	.26		T	1.46	T	.03	.15	.17	T	T	.08	1.00	.21		.15		.27	.02			
ADAMS 7 S	2.54		.24		.44								.70					.34			.20	.16				.16	.17	.13				
ALEXANDER	3.20			.30		.02	.08		T	T	.22			.13	.40	.09	.61	.74			.06	.14	.28			.02		.07	.04			
ALMONT 7 SW	4.25			.07	.12		.04				.07		T		T		1.37	.73				.67	.88		.04	.01	.13		.06		.06	
AMBROSE 5 N	1.92			.07						.35	.05		.04	.12			.10	.15			.35	.56				.09			.04			
AMENIA	5.99		.12							.10		.08		.48	1.35	.15	.10	.07				.83	1.80	.09		.30		.52				
AMIDON	11.80			.53		.01	.22		.02	.01	.02		.14	.04		.13	2.77	.28				•	6.75		.02		.10	T	.07	.04	.65	
ARVILLA STATE PARK	2.51		.29		.06					.59					.55			.41				.08	.11			.13		.29				
ASHLEY	2.95					.09	.06			.34	T	.24	T	T	.73		.50	.04			.03	.28	.11			.08		.43	T			
BALTA	4.08		.26	.14	.09					.11	T		.11		T	.25	T	2.61	.04		.25	T			T	.06	.02	.14				
BANTRY	3.17				.15	.19				.22	.03		.18	.24				.62	.87	.09	.09	.16						.35				
BEACH	6.81		.01		.02	.33		.19	.04			.04	.07	T	.23	.18	.10	2.73	.52	T	.01	.37	1.43	.31				.05	.04	.13	.01	
BELCOURT INDIAN RES	2.57		.15		.27	.02				.32	.02		.21		.05		.01	1.08	.07	.05	.12					.19		.01				
BELFIELD	8.99	.04	.05	.64	.04	.18	.19	.04	T		.02	.03	.12	.05	.35	T	1.66	1.03			.12	1.98	1.76	.04	.06	T	.35	.03	.18	.05		
BERTHOLD	4.54		.18	T	.09					.90	.09		.08	.28	.06	T	.48	1.68	.09		.10	.13	.18		T	.02		.18				
BEULAH	4.94				.18			.14					.02		.18	.03		.82	T			T	3.26	T		.12	T	.15	.04			
BISBEE	3.07		.15		.40	.07				.01			.19		.18			1.52	.06		.27					.06		.16				
BISMARCK WB AP R//	2.56			.07			.06		T	.11	.05		.01	T	T		.56	.51				.21	.07		.03	.02	.15	.65	.06			
BISMARCK 12 ENE	3.05							.13		.39		.04			.04		.82	.62					T	.16				.66	.12	.07		
BOTTINEAU	3.28		.12		.44	.09			.02	.15	.17	.06	.11	.04	.01	.28		.12	1.18	.02	.02	.08	.04			.01	.25	.07				
BOWBELLS	3.56		.03	.04					.03	.25			.03	.28	.09	.02	.41	1.01	T		.20	.42			T	.65	T	T	.10		T	
BOWMAN COURT HOUSE	7.11			T	.31	.05		.25	T	.42	.11			.20	.07	.07	1.20	.30				1.41	2.59		.04			.06	.03			
BOWMAN 9 SE	6.80			.35	.09	.17	.40	.18		.08					.16		1.02	.31				1.20	2.84									
BOWMAN 30 NNW	10.88				.25		.24	.25						.05	.26		•	2.95				3.90	1.43				.10		.27		1.20	
BURT 16 N	5.10			.09			.10				.04				.19		1.40	.57		.30		.90	1.28		.18		.05					
BUTTE	2.25		.03		T					.35	.02		.03	T	T			.92	.51			.09	.10			.05		.10	.05			
CARRINGTON	3.48		.10		T		.04			.90				.05	.10	.08		.53	.12			.31	.12	.13			.46	.40	.14			
CARSON NO 2	4.58							.17				.11				.05	.11	1.24	.12				2.25	.10		.33		.10				
CAVALIER	4.58		.57		.21	.03				.03			.11	.60	.37			.55	.09	.58	.11					1.03	.08	.42	T			
CENTER	3.22			.05	.06						T		.12	T	T		.73	.77	.23		.03	.43	.38	.10	.10			.22				
COLGATE	3.58													.29	1.17		.14	.22					1.46			.05	.02	.23				
COLUMBUS	2.06			.08						.38			.27	.05	.09	.03	.05	.40			.19	.39			.03				.10			
COOPERSTOWN	4.26		.21		.05					.14		T	.83		.52	.44	.17	.21			T		1.32			.04	.13	.20				
COURTENAY	2.73		.06						.15				.39	.05	.19	.06	.27	.18			.41		.54		.15			.28				
CROSBY	2.07			.08					.26	.27			.17	.12	.13	T	T	.37			.18	.37	.02		.03			.01	.05		.01	
DEVILS LAKE WB CITY R//	4.14		.24	.10	.04	T			T	.96	T		.46	T	.39		.20	.70	.01	T	.20	T	T		T	.13		.71				
DICKINSON CAA AP R//	7.68			.03	.02		.19		T	T	T		.03	.06	.29		1.88	.49			T	3.09	.91		.08	.03	.39	.06	.13		T	
DICKINSON EXP STATION	6.61				.12	T	T	.07					.06		.12	.17	.07	1.95	.32		T	T	3.25	.33		.03		.06	.03	.03	T	
DONNYBROOK	4.12		.02	.06					T	1.25	.10	T	.04	.17	.07		.10	1.82	.08		.06	.23	.05			.04		T	.03			
DRAKE	4.47		.05		.09					2.00		T	T	T	.09	.14		.55	1.11			.13	.08			.03	T	.05	.15	T		
DUNN CENTER 2 SW	6.00				.11		.02	.19			T	T	.17		.06	.05		1.80	.21		.02	.01	3.07	.03		.07	T	.19	T			
ECKMAN 2 SE	3.59		.09		.14	.30				.16	.14	.05	.07		.12	.03		.13	2.17			.05			.05			.05	.04			
EDGELEY EXP FARM	3.64									.14		.15			1.43	.34	.16	.34			.01	.06	.09	.23		T		.66	.03			
EDMORE 1 W	2.97		.19	T	.35	.30				.31			.37		.06		T	.46	.05	T	.22		T			.41	.11	.14				
ELGIN 5 S	4.72			.13			.15	.14			T			T	.18		.72	1.27				.29	1.68			.18	T	T	T		T	
ELLENDALE	3.25		T			.19	T		T	.16	.14	.31		T	1.40	T	.26	.28	T	.09	T	.01	.11	.06				.24	T			
ENDERLIN	4.41									.05	.02	.18			1.28	1.11	.04	.08				T	.42	.91				.22	.10			
EPPING	3.71			.05		T	.05			.18	.08		.12	.12	.23		.72	.72	T		.04	.01	T		.03	T	T	.04	.14		1.18	
FAIRFIELD	5.81			.13	T		.13	T			.02		.08	.08	.16		1.13	1.63			T	1.69	.41		.07		.06	.14	.04		.04	
FARGO WB AP R//	5.47		.26		T	.02				.22	.04	.05	.56	T	.63		.05	.07	T	T	.30	T	2.77			.32		.18				
FESSENDEN	2.32		.16		.04					.36	.20		.20	.11			.10	.70				.10				.15		.20				
FLASHER	2.89				T											.25		.86					1.34			.06		.26		.12		
FLAXTON	2.71		.16	.09	T				.06	.16	.01		.12	.16	.09	T	T	1.16	.04	.02	.16	.34			T	.12		.02				
FORBES 15 NW	2.60				T		.04					.45		T	1.08		.45				T	T	.11					.42	.05			
FORMAN	5.58			.09			.44				.32	.41		.15	2.31	T	.11	.30	.02			.65	.23	.08				.47				
FORT YATES	1.75							.12		.05							.26	.08					.90	.05				.23		.06		
FOXHOLM 7 N	4.80		.90	T	.05	.04			.79		.05	T		.17	T	.10	T	1.70	.37	T	.26	.14	.09					.14				
FULLERTON	3.89				T	.25	.08			.07		.32	.06		1.28		.14		.16		.57	T	.44					.52				
GACKLE	2.23						.01			.01	.05	.04	.04	.12	.15		.52	.22				.25	.50					.32				
GARRISON	3.04	.24		T			T		T	.96			.04		.33	.01		.47	.53			.04	.31			T		.08	.03			
GLEN ULLIN 13 N	2.70			.25									.20				.75	.55				.70					.25					
GOLDEN VALLEY 10 S	3.91			.23	.05									T	T		.63	.75				2.00	.25		T	T						
GRAFTON	2.83		.30		.35					.36			.12		.41	.01		.11	.04	.04	.10	.15				.69	.08	.03	.04			
GRAND FORKS CAA AP R	3.04		.24	T	.09	T				.67	T		.28	T	.74		.03	.10	.01	T	T	T	.36			.42		.10				
GRAND FORKS UNIVERSITY	3.78		.32		.15	.02				.55			.26		.81			.22	.03		.01	T	.44			.64	.20	.13	T			
GRAND RAPIDS 1 N	4.04						T			.19	.02	.25	T	.06	.95		.21	.11				.21	.58	.03				1.41	.02			
GRANVILLE	3.79		.19	.07	.07	.05				.64	.06		.16	.03	.11	.10	.13	1.45	.05		.43	T						.25				
GRASSY BUTTE 10 N	4.85				.10										.10			1.20	.80	.05			2.05					.25		.30		
GRENORA	2.92			.20					T	.12	.05	.03	.09	.11	.36	.02	.27	.80			.15				.14			.08	.30	T	.22	
HAGUE	2.54				.01		.14	.05		.21	.07		T	.10	T	T	.50	.33	T			.31	.29			.06		.47	T	T		
HALLIDAY	5.33				.33		.15							.07			.65	.81	.01			2.56	T		.14	.22	.24	.15				
HANKINSON R R STATION	5.77						.02	T			.05	1.00		T	.20	.20	.22	.13	.07			2.25	.35	.80				.17	.31			
HANNAH	4.39		.25		.30	.02			.12	.05			.09	.37				2.10	.24	.14	.18	T				T	.09	.40	.04			
HANSBORO	2.79		.08	.02	.21	.16				.52	.03		.10					1.37	.04		.15					.01		.10				
HARVEY	2.02	.04							.25				.05		.05		.13	1.10			.14							.28				
HETTINGER	5.64			.28	.17	T	.10	.37		.08		.04		.14	.04		1.07	.04				.26	2.60			.10	.03	.10	.22			
HILLSBORO	4.58		.15		.04	T				T	.04	.01	T	.17	1.01	.20	T	.21	T	.11	.01	.28	1.50	.06		.35	.15	.29				
JAMESTOWN CAA AP R//	2.60		.02	T			T			T	T	T	T	.11	.48		.20	.08	T		.09	.08	.70			.49		.35	T			
JAMESTOWN STATE HOSP	2.70		.03			.02				.04				.15	.26		.16	.09			.02	.06	1.36	.02		.17		.32				
KEENE 2 S	4.66			.21		.07			.22		T	.24	T	.10	.31	T	.92	.93	.01			1.28	.26				.08	.03	T			
KENMARE	3.76		T		.12						.27	.05	.09		.29	.11		1.10	.84	T	.10	.42	T			.21		.02		.14		
KENSAL WILDLIFE REFUGE	3.39		.10			T				.17			.36	.14	.28	.08	.41	.23			.83		.36			.04		.39				
KILLDEER 8 NW	7.44			.22			.33					.10	.10	.07			1.72	.90				2.28	.77		.52	.21	.12	.10				
KULM	3.53					.07						.13		.15	1.30		.60	.14			.17		.25	.04				.68				
LANGDON EXP FARM	3.17		.22		.35					.10	.03		.24	.02	.03			.78	.13	.03	.18		.01			.03	.06	.91	.05			
LANSFORD	3.61		.11		.10	.02			T	.15	.06		.05	.13	.50			1.91	.28		.08	.05				.14		.03	T			
LARIMORE	3.52		.30		.10					.83			T		.65		.05	.58	T			.18	.17			T	.51	.15				
LEEDS	2.98		.12		.13					.35			.17	.08	.30			1.18	.08		.16						.24	.17				
LEFOR 10 E	6.84			.12			.07	T		T	T			.02	.27			1.74	.87			2.24	1.22		.10		.12	.03	.04		T	
LINTON	2.04			.03			T	T		.04	.06	.05		.11	.07		.48	.27	.03			.41	.09			.09	.19		.12			
LISBON	4.99						.04			.06	.20	.24			2.56		.06	.11	.35				.47	.35				.40	.15			
LITCHVILLE	2.95		.03							.15		.11		.05	.85		.10	.11				.20	.90	.01					.44			
LOSTWOOD 12 N	3.64		.11	T	.07	T			.02	.26	.05	T	.11	.42	.11	T	.27	1.46	.02		.13	.32			T	.14	T	.05		.10		
MADDOCK AGR SCHOOL	2.09		.22		.11	T				.27				.01	.03	.12	.03	.67	.02	T	.35				T			.26				
MANDAN EXP STATION	2.74	.02			.08			.07	.01	.13	T	.06			T	.05	.03	1.01	.07				.49			.04		.56	.04	.08		
MANDAN FT LINCOLN PARK	3.60				.07		.04			.40	.05	T			.05	T	.68	.44	.02		T	.34	.28			.08		.73	.42			
MARMARTH	5.57				.16	.06		.15	T	T		T	T	T	.05	.23	.12	2.37	.20			.40	1.65	.15		T		T	T	.01	.02	
MARTIN	2.61		.03			T				.27			.01		.10	.16	•	1.67			.07						.14		.16			
MAX	3.80				.04		T		.03	1.09			.10		.37	.02		.96	.76			.10	.11			.05		.09	.03	.05		
MAYVILLE	4.63		.09							.83	T		.30		1.06	.23	.07	.09			.11	.10	.94			.35	.22	.24				
MC CLUSKY	4.94									2.37	.02		.06		.04	.02	.39	1.06	.05			.15	.02			.10		.36	.19	.11		
MC HENRY 5 N	2.70		.22		.02	.04				.33			.08	.06	.38	.07	.12	.29	.03		T		.38			.26		.42				
MC LEOD 3 E	3.83						.08			.04	.34	.15			.55			.23				.06	1.21	.60				.43	.14			
MC VILLE	3.27		.34		.14					1.02	T		.22	.05	.46	.03		.18	.02				.47			.10	.15	.09				
MEDINA	1.93						.03							.25	.06		.28	.29	.51							.18		.31	.02			
MEDORA 5 NNE	7.35			.37		.13	.29	T			T		.08	.15	.20		1.20	1.30				1.98	1.17			.05	.01	.23	.17			
MEDORA 25 NNW	6.46				.39	.69						.10			.12	.36		2.50	.40		•		1.60				.08				T	
MINOT CAA AP	3.56		.12	.09		T			.21	.06	.01		.08	.05	.01		.47	2.12	T	T	.22	.02	T		T	T	.01	.09	T		T	
MINOT EXP STATION	4.05		.09		.04	T			T	.18	.02	T	.12	T	.07	.04		1.07	1.94		.10	.22	T			.04		.12	T			
MOFFIT 4 SE	3.03				.07		.02				T	T	.16	.01	.06	.01	.31	.68	.02			.19	.43	T				.84	.23	T		
MOHALL	3.24		.10	.02	.02	.06			.05	.34	.07		.10	.26	.20	.04	.19	1.59	.05		.07	T	.04		T	.04	T	T				
MONTPELIER	2.74		T				T			.02	T	.09	.09	.15	.46		.18	.12			T	T	1.25			.01		.37				
MOTT	6.08			.09			.21	.18			T			.08	.10		.86	.54				2.05	1.45		.31		.18	.03	T			
MUNICH 4 SW	3.47		.18		.24	.02				.13	.04	T	.17	T				1.63	.20		.16					.20		.50				
NAPOLEON	2.59				T	T	.05			.02	.08		.04	.08	.13		.43	.37	.02			.30	.21			T		.82	.04			

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	8.93		.02	.53		.05	.47	.09	.04		.05			.03	.09		1.85	.58				3.20	1.65		.09		.07	T	.04		.08	
NEW ROCKFORD 7 WNW	1.97		.25							.33			.09		.20	.28	T	.57	T				.07			.18						
NEW SALEM 1 S	5.34			.06	.13		.30			.02			T	T			1.60	.62				.78	1.22		T	.02	.21	.22	.16			
NEWTOWN	3.31			.07			.08		T		.07		.15	.05	.13		.77	.87			.05	.25	.61			.03	.08	.01	.07	.02		
NOONAN	2.62			.10						.30	.36		.17		.29			.54			.20	.21			.23				.22			
NORTONVILLE	2.38									.18				.20	.74	.16	.25						.52					.33				
OAKES	2.82			T				.05		.08		.40		T	.83	.38	.14	.12	.17		T	.12	.05	.25				.17	.06			
PARK RIVER	3.69		.21		.25	.90				.32			.19	T	.46			.32	.04		.14	.08	.45			.23	.06	.04				
PARSHALL	2.62			.01						.11	.07		.17	.03	.22		.59	.75			.07	.06	.32		.04	.03		.12	.03			
PEMBINA 2 N	3.46		.55											.37	.05			.06		.66			.23			.75	.67		.12			
PETERSBURG	2.97		.29		.10					.80			.01	T	.63			.25	.03		.01		.08			.22	.39	.16				
PETTIBONE	2.01						.05						.08	.17	.04		.22	.57	.01		.01		.39			.15		.32				
PINGREE	3.37		.30			T				.10			.75	.13	.34		.32	.20			.35		.31			.10		.47				
PORTAL	2.56		.18		.09					.09	.12		.09	.06	.25	.20		.37	.40		.25	.45	T					.01				
POWERS LAKE 1 N	3.33	.19								.35	.02		.14	.08	.20		1.00	.56		.11		.17				.40	T				.11	
PRETTY ROCK	4.77		T				.45	.36	.03	T	.09			T	.17		1.10	.23				.12	1.70	T	.40			.08			.04	
RAUB 10 SSW	4.36												.12	T	.40		.97	1.17				1.40	.02			.12	T	.16				
REEDER	6.98			.81	.07	.03	.05	.27		.11		.04		.15	.04	.03	1.34	.16				1.20	2.38		T	T	T	.02	.28			
REEDER 14 N	5.66				.17	.03		.21	.08	.03		.08			.08	.12	.12	1.32	.06				2.60	.05		.27		.33	.03	.08		
RICHARDTON ABBEY	6.52			.15			.05				.01		.27	.03	.07	.07	1.09	.51			T	1.95	2.10		.07	.02	.08	.05	T		T	
RIVERDALE	3.67				.04		.05		.03	.44		T	.02		.06	.01		2.05	.17			.07	.65			T		.07	.01			
ROLLA	2.80		.15	T	.27			.04		.29	.03		.27	T	.02		.04	1.36	.09	.04	.13	T	T			.04		.03				
RUGBY	4.08		.13		.08	.07				.69			.20		.02		T	2.42	.05		.20						.18	.04				
RYDER	2.60									.06			.29	.10	.17		*	1.31			.05	.04	.03		T			.33	.22			
SAN HAVEN	2.88		.15		.30	T			T	.64	.02		.17	.04	.10	.04	T	.80	.10	.01	.10					.26	.08	.07				
SCRANTON	8.26			.66		.07	.08	.37	.07	.06	.10	.12		.06	.07		1.46	.19				1.85	2.98		.02	.01	T	.02	.07			
SELFRIDGE 11 W	2.94		T				.32	.02	.11			T		.02				1.00					1.15				.10		.22			
SENTINEL BUTTE 20 S	5.97			.16			.16					.05		.19			1.92	.86				2.22	.39				.02					
SHARON	4.09		.47							.34	T		.96	.03	.70	.17	T	.30			.02		.82			.10	.15	.03				
SHERWOOD 3 N	3.64		.12		.11	.25				.58			.12	.14	1.02	.06	T	.87	.12		.12				.02	.11						
SHIELDS	4.79				.01		.13	.09						.10	T		*	.82				*	1.90	*	.94	.50	.02	.09	.19			
STANLEY	2.47			.07						.07	.13		.03	.05	.15		.71	.60	.02		.05	.10	.21		.04		T	.05			.19	
STEELE	3.26				T		.03		T	T		T	T	.73	T	T	.30	.83				.38	.15			.21		.63			T	
SYKESTON	1.91		T			.08				.18			.09		.02	T	.10	.64			.06		.15			.32		.27				
TAGUS	3.48		.13	.10					.74	.04	.07	T	.05	.15	.11		.58	.99			.06	.17	.11		.03	.02		.08			.05	
TIOGA 1 E	2.89				.05					.47		.11	.16		.23	.08		1.12	.08		.08							.04	T	.25	.22	
TOLLEY 4 NE	-			T						.56			T	.02	.05	.01	-	-	T		.05	T	T	T			T	.05		.01	.05	
TOWNER	3.69		.15		.09	.19				1.02			.20	.02	.02	.02	.05	1.30	.04		.39					.10		.10				
TROTTERS 6 SE	4.82			T	T	.72	.07	.02	T		.02		.07	.11	.27	.30	1.70	.52	.24		T		.25	T			.28		.25			
TURTLE LAKE	2.65				.02					.40		T	.07		.12	.01	.56	.70	T		T	.31	.05	T		.05	.03	.23	.10	T		
TUTTLE	2.44		.02		.02	.04				.25			.07	T	.08		.55	.55	.04			.16	.14			.22		.30				
UNDERWOOD	4.59				T		.11		T	1.33			.12		.22			1.72	.19				.72			T		.18				
UPHAM 3 N	4.50		.08		.16	.29				1.77	.03		.08	.03	T			1.42	.08		.13					.03		.40				
VALLEY CITY	5.27		.18							.10	.03			.05	1.13		.10	.08			1.04		1.90			.16		.50				
VELVA	3.13		.06		.03					.03	.03		.06		.03	.07		1.26	.80			.59	.03			.01		.08	.05			
VERONA	3.42					.55					.30	.24			1.22			.22			.02		.48	.02				.37				
WAHPETON STATE SCHOOL	5.06		.02	.02			.02			.05	.46	.31		.09	.19	.04	.33	.10	.02		.03	1.16	1.11	.20		.25		.34	.32			
WALHALLA	2.60		.40		.14					.21	.02		.04	.21	.24			.53		.35	.25	.04				.17						
WARWICK	3.36		.24		.08					.45			.10		.53	.06	T	.49	.05		.68					.25	T	.43				
WASHBURN	4.46			.05	.03		.20				.62	T	.13		.06	.03	.70	.85	.05		.02	.55	.20		.07	.70		.20				
WATAUGA S DAK 8 N	2.85						.62	.26	T					T	T		.82	.20				T	.64		.31			T				
WATFORD CITY	4.14			.17			.14				.15		.16	.15	.22		.80	.65			.04	1.31	.17			.06		.08	.04			
WATFORD CITY 14 S	4.51			.16			.31		.05		.10		.10	.14	.13		.93	.69				.91	.64		.16	.10			.05	.04		
WESTHOPE	3.99		.12	.08	.15	.20			.07	.30	.07		.11	.04	.02	.13	.12	1.85	.04		.06		.03			.50		.10				
WILDROSE	2.16			.14						.39	T		.11	.12	.25		.28	.38			.07	.15			.04	.05	.09	.06	.03		T	
WILLISTON WB CITY R//	2.38			.19	T		.04			.17	.11		.12	.27	.08		.54	.48	.01		.06	.02	.02		.12	.02	.09		.04			
WILLISTON EXP FARM	2.67			.35			.07			.24	.10		.11	.31	.31		.35	.61			.05		.02			.03	.06		.06			
WILLOW CITY	3.36		.10		.17	.03				.27	.03		.17	.40	.03	.20		1.34	.05		.16					.06	.14	.21				
WILTON	2.99				.08		.14				.02				.02		.48	1.30	.02			.25	.22		.03	.19		*	.24			
WISHEK	1.71							.09		.05		.05	.10		.40	.40							.31					.17	.12	.02		
WOODWORTH 5 E	1.97		T											T	.56		.96				.15						.30		T			
ZAHL	2.03	.05		.09						.14		.12		.24			.28	.60	.01		.07							.03	.14		.26	

DAILY PRECIPITATION

Table 3

DELAYED DAT

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARCH 1957 NEW ROCKFORD 7 WNW	.08				T				.08		T	T																			T	

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1956-1957

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ABERCROMBIE 3 NW					1.6	8.1	5.0	8.0	2.6	3.9			29.2
ADAMS 7 S					-	6.5	5.0	4.5	T	T			-
ALEXANDER				T	-	-	-	-	4.0	T			-
ALMONT 7 SW					4.2	2.5	5.1	4.9	3.4	9.8			29.9
AMBROSE 3 N					-	-	-	-	-	3.0			-
AMENIA					T	4.0	5.0	3.0	1.0	4.0			17.0
AMIDON					3.0	T	-	-	-	T			-
ARVILLA STATE PARK					T	5.0	6.0	5.5	2.0	2.0			20.5
ASHLEY					2.5	2.0	1.0	5.0	T	.5			11.0
BALTA					-	-	-	-	-	T			-
BANTRY					6.0	3.0	5.0	5.0	1.0	2.0			22.0
BEACH					3.7	-	8.0	4.8	17.0	2.5			-
BELCOURT INDIAN RES			T		4.0	3.7	1.6	2.0	4.5	1.3			17.1
BELFIELD					1.0	-	-	-	-	T			-
BERTHOLD			T		-	-	-	T	T	T			-
BEULAH						-	-	-	10.0	2.0			-
BISBEE					1.4	5.9	2.0	3.0	.8	T			13.1
BISMARCK WB AP					5.4	2.3	6.5	4.4	3.3	2.2			24.1
BISMARCK 12 ENE					T	-	-	-	-	T			-
BOTTINEAU			T	T	10.5	2.8	2.2	2.3	3.4	1.6			22.8
BOWBELLS					7.0	5.0	2.0	2.0	1.0	T			17.0
BOWMAN COURT HOUSE					2.5	-	-	-	-	T			-
BOWMAN 9 SE			-	-	-	-	-	-	T	-			-
BOWMAN 30 NNW					3.0	-	-	-	-	-			-
BURT 16 N				T	-	-	-	-	-	T			-
BUTTE			T		3.0	5.0	5.0	2.0	2.0	T			17.0
CARRINGTON					-	-	3.4	2.1	1.8	2.0			-
CARSON NO 2					-	3.5	2.5	2.0	T	6.0			-
CAVALIER					-	7.1	-	3.6	2.7	1.5			-
CENTER					-	-	5.0	1.0	4.0	3.0			-
COLGATE					T	2.0	-	-	-	6.0			-
COLUMBUS					3.8	4.3	3.9	1.7	2.0	2.0			17.7
COOPERSTOWN					.3	4.7	2.3	5.0	.8	3.0			16.1
COURTENAY					1.0	2.0	4.5	4.5	1.0	6.0			19.0
CROSBY				T	-	6.8	2.8	1.3	2.8	T			-
DEVILS LAKE WB CITY			T	T	4.2	8.6	4.0	5.1	3.2	.8			25.9
DICKINSON CAA AP					1.5	1.9	4.3	1.3	3.4	8.6			21.0
DICKINSON EXP STATION					-	-	3.5	1.5	-	-			-
DONNYBROOK			-		5.3	-	-	.8	-	T			-
DRAKE					-	-	-	-	-	T			-
DUNN CENTER 2 SW					-	3.4	5.7	1.1	7.5	4.5			-
ECKMAN 2 SE					-	-	-	-	-	T			-
EDGELEY EXP FARM					-	4.0	3.4	4.0	T				-
EDMORE 1 W					2.0	7.5	2.6	4.2	2.5	T			18.8
ELGIN 5 S				T	8.0	3.0	2.0	2.0	T	7.0			22.0
ELLENDALE				T	4.0	3.5	3.8	8.7	.8	2.8			23.6
ENDERLIN					-	4.0	7.5	6.3	-	-			-
EPPING					-	-	6.1	-	3.5	-			-
FAIRFIELD					.5	1.5	7.0	.5	7.8	T			17.3
FARGO WB AP			T		.5	3.2	3.3	4.4	.7	2.8			14.9
FESSENDEN					-	1.7	7.0	2.2	2.0	1.0			-
FLASHER					3.0	3.0	5.5	3.0	1.5	3.0			19.0
FLAXTON				T	6.2	8.0	3.1	2.0	2.0	5.8			27.1
FORBES 13 NW					4.0	3.5	2.0	5.0	T	T			14.5
FORMAN					1.5	-	2.7	2.6	1.1	T			-
FORT YATES					-	-	-	-	-	T			-
FOXHOLM 7 N			T		4.0	4.2	1.8	2.9	1.0	T			13.9
FULLERTON					5.8	4.3	6.1	4.4	.6	1.8			23.0
GACKLE					1.0	2.5	4.3	2.5	T	T			10.3
GARRISON					-	4.7	-	.5	-	-			-
GLEN ULLIN 13 N					-	-	-	-	-	3.0			-
GOLDEN VALLEY 10 S						-	6.0	-	5.5	T			-
GRAFTON			T		1.0	-	-	8.2	-	T			-
GRAND FORKS CAA AP					T	7.8	8.5	5.6	.5	2.4			24.8
GRAND FORKS UNIVERSITY					T	-	5.4	7.5	.9	4.0			-
GRAND RAPIDS 1 N					4.0	-	4.5	4.5	.5	T			-
GRANVILLE					7.0	4.5	2.0	2.0	1.5	.5			17.5
GRASSY BUTTE 10 N					1.0	3.0	8.5	-	9.8	3.5			-
GRENORA					T	6.4	-	1.0	2.7	T			-
HAGUE					5.0	T	4.3	3.9	.3	3.5			17.0
HALLIDAY					-	-	-	-	-	T			-
HANKINSON R R STATION					-	-	2.0	-	-	-			-
HANNAH					-	7.3	2.6	2.3	2.7	.3			-
HANSBORO			T		1.5	5.4	1.5	2.6	1.2	T			12.2
HARVEY					T	-	6.3	1.5	3.3	T			-
HETTINGER			T	.5	3.0	-	-	-	-	-			-
HILLSBORO			T		T	5.5	4.0	3.0	.5	5.5			18.5
JAMESTOWN CAA AP					2.6	1.6	5.0	5.9	.5	1.1			16.7
JAMESTOWN STATE HOSP					-	3.0	5.3	4.1	T	T			-
KEENE 2 S					4.0	3.4	8.8	3.2	2.3	-			-
KENMARE					-	-	-	-	-	-			-
KENSAL WILDLIFE REFUGE					2.0	-	5.0	2.5	1.5	6.0			-
KILLDEER 8 NW					4.0	1.0	6.0	T	10.0	5.5			26.5
KULM					2.0	5.0	5.0	5.0	T				17.0
LANGDON EXP FARM			T	.5	3.4	8.7	3.2	3.7	2.8	2.1			24.4
LANSFORD					6.5	-	2.0	2.0	3.0	T			-
LARIMORE					T	-	-	-	-	T			-
LEEDS					-	5.0	1.5	2.5	1.5	-			-
LEFOR 10 E					4.5	2.5	5.8	2.0	2.7	6.8			24.3
LINTON					-	-	-	3.0	.5	-			-
LISBON					-	8.4	6.7	6.9	1.5	3.1			-
LITCHVILLE					1.5	2.0	2.0	6.1	1.0	2.5			15.1
LOSTWOOD 12 N	-	-			-	-	-	1.8	1.4	2.1			-
MADDOCK AGR SCHOOL					-	-	-	-	.5	T			-
MANDAN EXP STATION					2.9	1.9	6.5	5.5	2.5	1.5			20.8

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1956-1957

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
NANOAN FT LINCOLN PARK					3.0	2.0	7.0	3.0	1.0	T			16.0
MARMARTH					6.0	-	-	-	14.1	-	-	-	-
NARMARTH	-	-	-	-	-	-	-	-	-	-			-
MARTIN					-	1.9	2.8	-	T	-			-
NAX					11.2	3.7	3.5	1.7	1.8	T			21.9
NAYVILLE			.1	T	.2	7.1	4.1	4.3	1.0	5.0			21.8
NC CLUSKY					9.5	3.0	4.1	1.2	2.6	.5			20.9
NC HENRY 5 N					1.9	2.9	3.3	2.2	.4	.5			11.2
MC LEOD 3 E					.5	8.0	5.2	-	2.5	4.0			-
MC VILLE					2.0	8.0	4.1	2.0	2.0	1.0			19.1
MEDINA						T	-	-	-	T			-
NEDORA 3 NNE					1.4	1.6	14.0	6.5	9.0	1.0			33.5
NEDORA 23 NNW					.5	-	-	3.5	-	4.0			-
NIMOT CAA AP			T		4.0	4.0	4.2	2.6	.9	.4			16.1
MINOT EXP STATION					6.7	4.3	3.5	2.1	1.4	4.0			22.0
MOFFIT 4 SE					4.0	1.7	2.7	5.0	.4	2.0			15.8
MOHALL			T		-	4.3	-	2.0	2.0	2.0			-
MONTPELIER					2.5	1.7	3.1	3.5	.7	1.3			12.8
MOTT				T	4.4	1.5	2.0	2.2	1.0	4.0			15.1
NUNICH 4 SW				T	-	6.5	4.8	3.0	5.5	1.0			-
NAPOLEON					-	-	-	-	-	T			-
NEW ENGLANO					4.0	-	-	-	-	T			-
NEW ROCKFORD 7 WNW				T	4.5	2.5	3.0	2.0	1.0	-			-
NEW SALEN 1 S				T	4.2	2.4	8.0	3.1	3.0	1.5			22.2
NEWTOWN					-	3.5	3.5	1.0	1.0	2.0			-
NOONAN					5.6	8.8	4.4	2.7	1.2	-			-
NORTONVILLE					T	1.0	1.7	1.5	-				-
OAKES					-	4.5	-	-	-	-			-
PARK RIVER					-	7.2	1.9	1.5	2.6	T			-
PARSHALL			T		3.5	3.5	1.9	.8	.8	T			10.5
PEMBINA 2 N					T	-	-	-	-				-
PETERSBURG		-			.3	4.7	2.4	4.1	.9	T			-
PETTIBONE					-	-	2.3	2.5	-	6.0			-
PINGREE					-	-	-	-	-	4.0			-
PORTAL					3.7	9.0	-	1.7	3.4	-			-
POWERS LAKE 1 N					2.5	-	1.0	1.0	1.5	.5			-
PRETTY ROCK				.5	-	1.0	7.0	2.0	T	9.5			-
RAUB 10 SSW					-	-	-	1.0	-	-			-
REEDER					-	-	-	-	-	T			-
REEOER 14 N					-	-	2.5	-	T	-			-
RICHAROTON ABBEY				T	4.9	2.8	7.6	2.7	5.0	7.5			30.5
RIVEROALE					5.5	1.8	3.0	.2	3.5	2.0			16.0
ROLLA			T		-	6.6	2.7	1.8	3.2	1.0			-
RUGBY				T	-	6.0	-	4.0	1.1	-			-
RYOER			T		-	-	-	-	-	-			-
SAN HAVEN			T	T	5.2	5.9	2.0	3.2	4.6	1.6			22.5
SCRANTON					3.0	1.0	2.3	4.4	1.0	-			-
SELFRIOGE 11 W					5.0	1.2	5.0	8.0	3.5	T			22.7
SENTINEL BUTTE 20 S					-	T	2.9	4.3	6.3	T			-
SHARON			T		.5	7.1	4.0	5.5	1.0	1.0			19.1
SHERWOOO 3 N			T		7.4	4.2	2.1	1.0	3.3	5.5			23.5
SHIELOS					-	-	-	-	T	T			-
STANLEY					3.0	-	3.2	1.8	.8	-			-
STEELE					8.5	4.0	10.5	6.2	1.1	3.0			33.3
SYKESTON					-	-	3.0	1.0	3.0	1.5			-
TAGUS			T		2.2	-	4.9	-	1.7	2.0			-
TIOGA 1 E			T		T	-	-	-	T	1.0			-
TOLLEY 4 NE					-	-	T	.5	T	-			-
TOWNER					13.0	-	2.0	-	1.0	T			-
TROTTERS 6 SE					1.4	1.0	6.7	4.7	-	1.0			-
TURTLE LAKE					-	-	-	-	-	T			-
TUTTLE					5.5	2.1	4.8	2.4	1.5	2.4			18.7
UNDERWOOD					-	-	-	2.1	16.5	10.8			-
UPHAM 3 N					-	5.5	1.8	2.5	-	T			-
VALLEY CITY					-	-	-	1.6	1.1	1.2			-
VELVA			T		5.5	4.4	4.4	2.5	1.0	1.0			18.8
VERONA					4.0	-	-	-	T	T			-
WAHPETON STATE SCHOOL					-	9.7	6.1	5.7	6.9	4.0			-
WALHALLA			T		.2	-	-	-	-	.3			-
WARWICK					2.0	2.5	1.2	1.5	-	T			-
WASHBURN					-	-	6.0	-	4.5	2.0			-
WATAUGA S DAK 8 N					6.0	-	4.5	4.0	1.5	3.0			-
WATFORD CITY					.5	-	-	-	-	1.5			-
WATFORO CITY 14 S					T	6.0	9.7	4.9	-	4.0			-
WESTHOPE			T		7.0	10.0	3.5	2.0	1.0	2.0			25.5
WILOROSE					2.0	-	3.0	2.0	T				-
WILLISTON WB CITY			T		.2	5.2	7.1	2.1	3.2	2.0			19.8
WILLISTON EXP FARM					T	-	-	-	-	T			-
WILLOW CITY				T	-	3.9	2.1	2.0	2.5	1.5			-
WILTON					-	-	-	2.0	4.0	6.0			-
WISMEK					-	-	2.8	4.0	.5	3.5			-
WOOOWORTH 5 E					2.2	2.0	3.2	-	T	-			-
ZAML					T	-	-	-	-	T			-

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALMONT 7 SW	MAX	74	83	80	78	85	75	67	77	81	61	71	81	68	67	74	64	56	76	84	79	69	64	76	80	69	76	70	75	83	80		74.1
	MIN	41	53	51	49	57	48	47	51	56	42	50	52	42	46	46	52	50	46	51	59	55	50	50	50	53	49	50	52	59	60		50.6
AMENIA	MAX	80	82	82	76	83	80	69	75	83	60	75	80	77	63	72	71	76	75	84	85	78	66	72	75	73	78	75	78	81	80		76.1
	MIN	45	50	43	54	50	52	42	46	55	49	48	37	54	51	51	54	58	51	47	53	57	52	47	45	55	47	55	53	55	53		50.3
AMIDON	MAX		81	82	82	84					71				69			59		79	80		61	72	76		64	64			74		
	MIN	45	53	54	52	54											47	44	50	54	55		45	43	48	48	49	49	54	54	53		
ARVILLA STATE PARK	MAX	76	77	77	71	86	78	81	77	78	62	69	76	70	59	73	73	77	80	87	83	71	71	72	79	75	80	81	76	78	80		75.8
	MIN	31	48	42	50	40	46	40	36	55	45	47	32	49	48	40	44	53	59	52	49	52	54	44	40	55	48	51	50	46	45		46.4
ASHLEY	MAX	71	83	79	81	85	67	65	70	82	76	70	78	77	65	71	60	68	74	84	84	66	60	69	75	70	75	70	75	81	80		73.7
	MIN	37	50	43	50	46	51	44	53	56	46	51	45	50	51	45	51	50	45	47	59	58	51	47	48	50	43	56	50	50	54		49.2
BEACH	MAX	69	77	81	87	84	84	63	60	82	71	58	71	78	68	62	70	53	60	76	81	77	58	60	72	81	68	76	71	74	81		71.8
	MIN	44	56	50	52	58	57	50	49	54	47	45	46	47	40	38	52	47	45	52	57	55	47	44	50	48	44	51	50	47	55		49.2
BELCOURT INDIAN RES	MAX	70	70	74	67	79	72	69	71	68	62	59	78	61	64	69	70	67	75	78	65	65	66	75	76	66	76	72	73	75	74		70.2
	MIN		60	45	49	50	45	34	35	43	40	39	36	47	55	51	53	50	40	50	51	48	50	43	44	48	42	54	46	46	51		46.4
BELFIELD	MAX	83	80	82	80	88	76	59	79	70	60	71	71	67	63	71	63	57	75	76	76	62	61	75	79	65	73	69	72	82	83		72.3
	MIN	44	40	49	51	55	59	49	49	49	41	43	43	51	41	41	46	47	45	49	56	48	45	43	48	47	49	51	50	43	49		47.4
BEULAH	MAX	70	77	82	84	78	86	65	68	79	76	59	69	82	68	65	76	63	55	77	83	60	62	69	77	83	70	80	73	75	82		73.8
	MIN	46	47	46	50	50	54	45	50	54	41	43	50	51	46	46	49	51	42	47	57	59	51	49	49	53	45	48	56	52	51		49.3
BISBEE	MAX	71	71	77	69	79	71	70	74	62	64	60	80	77	61	74	71	60	74	79	72	65	75	74	81	70	79	73	77	75	76		72.0
	MIN	38	50	48	50	49	46	40	39	46	40	42	46	49	49	47	47	49	41	54	53	50	46	45	45	53	42	56	50	48	49		46.9
BISMARCK WB AP	MAX	75	87	82	80	88	65	67	74	85	63	72	84	69	69	73	59	57	77	85	79	66	66	77	81	71	79	72	77	83	84		74.9
	MIN	41	54	44	51	51	48	45	55	52	45	47	49	54	53	47	53	52	48	53	57	58	53	50	51	51	43	55	52	51	55		50.6
BOTTINEAU	MAX	68	74	70	79	71	79	68	71	73	58	62	61	81	62	59	73	68	62	77	81	71	67	70	76	79	68	78	74	74	78		71.1
	MIN	35	51	43	49	51	44	42	42	51	42	43	45	49	48	44	48	50	46	51	56	51	55	45	48	50	39	55	43	47	51		47.1
BOWBELLS	MAX	75	73	75	78	83	77	72	78	70	53	64	81	72	62	75	73	54	78	81	71	62	76	79	80	78	79	73	75	79	82		73.6
	MIN	36	55	46	50	52	46	40	56	45	40	44	50	51	43	43	46	48	42	52	55	51	47	43	53	48	42	54	48	47	60		47.8
BOWMAN COURT HOUSE	MAX	73	82	80	81	83	82	57	75	73	68	69	72	72	61	68	65	58	74	81	79	72	59	69	79	79	75	72	73	81	83		73.2
	MIN	43	47	54	53	54	54	45	48		45	41	53	50	39	38	54	43	46	51	55	49	44	43	47	47	42	48	48	49	56		47.8
BUTTE	MAX			76	81	76	82	69		75	72	58	73	79	63			74	55	75	81	75	60		76	80	68	78	70				72.5
	MIN			40	50	54	52	41		41	42	45	49	49	50			46	47	55	56	55	53		45	52	44	55	51				48.7
CARRINGTON	MAX	69	72	80	80	74	82	66	70	76	83	62	64	79	65	69	72	60	60	74	83	80	65	60	72	78	68	76	69	75	79		72.1
	MIN	38	38	44	51	45	50	41	41	53	45	47	42	49	50	47	50	52	48	49	52	53	53	45	46	51	45	56	50	51	50		47.7
CARSON NO 2	MAX	68	72	83	78	79	85	62	60	75	83	62	71	81	71	65	71	58	57	73	82	77	64	65	75	80	67	77	70	84	81		72.5
	MIN	39	52	49	51	52	48	48	51	57	43	44	54	52	47	40	42	51	39	53	57	56	50	47	52	54	41	51	48	50	55		49.1
CAVALIER	MAX	71	72	72	71	77	71	72	73	71	62	63	78	71	60	75	75	64	74	79	80	70	69	74	80	75	79	75	75	77	75		72.7
	MIN	39	47	45	50	49	46	42	43	47	45	47	38	47	48	46	49	51	50	55	51	49	56	45	46	55	53	53	51	54	50		48.2
CENTER	MAX	75	81	81	78	86	80	71	76	81	61	69	81	75	66	77	65	60	75	81	79	74	67	76	80	68	77	70	77	82	82		75.0
	MIN	37	55	42	48	49	53	45	47	59	44	41	45	45	48	45	50	53	48	50	51	54	51		44	53	38	53	50	45	49		48.0
COOPERSTOWN	MAX	71	80	79	71	82	79	71	77	87	82	67	74	70	65	71	70	72	74	84	81	67	65	71	77	73	78	75	75	79	79		74.9
	MIN	37	48	44	51	45	50	40	40	56	45	47	40	40	40	47	53	52	47	49	51	53	50	43	46	53	44	56	48	50	49		47.1
CROSBY	MAX	77	76	74	80	84	80	73	80	65	53	64	78	72	62	74	71		80	83	76	68	72	79	83	70	79	72	76	82	85		74.8
	MIN	38	54	47	46	54	48	47	43	47	43	41	51	45	43	45		47	46	51	56	49	50	47	48	49	41	55	50	49	52		47.7
DEVILS LAKE WB CITY	MAX	72	77	75	70	79	67	70	74	74	61	61	78	63	61	71	66	56	74	83	68	66	63	72	79	67	78	68	74	78	76		70.7
	MIN	39	51	51	51	51	47	41	45	46	44	47	45	51	49	49	49	50	48	55	54	51	52	46	51	50	46	55	49	54	49		48.9
DICKINSON CAA AP	MAX	74	82	80	82	84	63	59	77	75	58	70	78	67	63	72	57	56	74	81	77	62	63	72	79	66	73	68	72	82	82		71.6
	MIN	45	53	50	52	55	50	49	50	48	43	44	55	50	41	43	48	46	44	54	57	47	47	47	48	49	49	52	50	51	55		49.1
DICKINSON EXP STATION	MAX	69	75	79	83	80	84	62	63	78	67	60	70	79	68	62	73	57	69	75	80	76	67	67	73	80	68	74	70	74	80		72.1
	MIN	39	53	45	50	52	54	48	51	55	43	42	52	44	40	40	52	49	45	52	57	56	45	46	50	51	43	52	49	57	52		48.8
DRAKE	MAX	69	75	75	80	73	81	67	68	73	74	62	64	79	64	67	74	63	55	75	81	74	61	66	75	79	69	78	71	75	80		71.6
	MIN	29	49	50	51	52	52	43	46	56	43	45	52	47	50	46	53	51	47	49	57	54	53	49	52	53	44	54	51	50	54		49.4
DUNN CENTER 2 SW	MAX	66	75	76	83	79	82	61	65	79	70	59	69	75	66	62	75	61	58	75	79	76	60	66	74	79	68	78	69	70	80		71.2
	MIN	44	57	51	50	54	52	45	50	58	43	43	51	49	42	45	52	48	47	54	57	60	50	51	53	50	47	55	54	54	55		50.7
ECKMAN 2 SE	MAX	70	72	72	79	74	78	69	71	71	62	59	62	79	63	69	75	67	52	78	81	64	70	77	81	79	71	79	75	76	82		71.9
	MIN	35	45	46	52	53	45	42	43	52	42	41	43	48	49	42	48	51	48	51	60	51	49	49	50	44	41	48	49	48	51		47.2
EDGELEY EXP FARM	MAX	71	72	83	81	81	82	65	67	73	84	66	71	78	76	68	72	62	72	74	85	82	65	57	69	76	74	78	71	76	80		73.7
	MIN	38	48	43	50	45	51	41	47	57	47	50	41	51	50	47	53	54	49	50	56	57	53	48	45	50	47	56	51	53	50		49.3
EDMORE 1 W	MAX	73	75	75	78	80	71	70	74	69	64	62	77	74	59	72	68	60	75	82	71	66	64	74	78	70	77	73	74	77	73		71.8
	MIN	35	49	45	49	45	45	35	41	52	42	42	37	48	45	44	45	50	47	48	48	50	54	44	43	50	41	49	45	46	43		45.2
ELLENDALE	MAX	75	84	81	82	85	75	69	73	82	75	72	77	75	66	68	66	72	75	83	84	81	63	69	76	75	79	74	78	81	81		75.9
	MIN	42	48	49	54	50	53	45	54	57	49	53	43	56	51	48	53	56	49	48	57	59	51	49	46	54	48	56	51	52	53		51.1
ENDERLIN	MAX	74	74	83	84	82	84	67	72	76	84	58	74	78	69	65	70	64	75	78	87	85	66	55	72	78	75	80	72	81	82		74.8
	MIN	38	45	42	53	46	50	41	44	56	48	48	39	49	50	48	54	56	50	49	52	58	53	47	43	52	47	56	50	50	49		48.8
FAIRFIELD	MAX	75	77	80	78	82	69	60	80	78	59	68	74	65	60	71	66	57	73	79	73	63	63	73	79	69	75	68	71	78	82		71.5
	MIN	47	49	52	50	56	51	47	50	51	42	45	52	47	40	41	42	44	45	55	57	47	47	49	46	48	47	51	50	54	56		48.6
FARGO WB AP	MAX	73	81	80	75	82	68	70	75	83	62	70	78	68	61	71	65	76	72	86	85	66	62	71	77	72	77	71	77	80	79		73.8
	MIN	39	54	46	56	53	51	41	49	55	49	48	44	56	53	51	58	55	53	52	56	58	53	48	50	53	49	57	52	55	53		51.6
FESSENDEN	MAX	74	80	77	75	85	79	71		82	68		80	75	71	74	71	58	76	84	79	72	68	70	80	80	80	74	78	83	80		75.9
	MIN	38	53	51	50	45	52	38	42	52	43	53	43	47	50	46	50	50	49	52	52	55	56	53	54	52	42	57	48	48	50		49.0
FORMAN	MAX	73	81	81	84	83	74	79	74	80	74	74	72	76	67	70	66	74	74	83	87	76	62	71	77	75	78	75	79	82	85		76.2
	MIN	40	43	49	57	59	49	42	55	57	49	56	43	59	53	49	52	61	52	50	56	59	52	48	45	53	48	56	49	52	53		51.5
FORT YATES	MAX	71	75	87	80	81	87	66	61	74	85		72	85	71	70	67	61		77	88	85	67		80		78	79	73	78	86		76.3
	MIN	38	53	45	49	51	52	50	53	52	46		49	53	53	46	52	54	44	52	54	56	53		50		43	55	50	51	55		50.3
FOXHOLM 7 N	MAX	75	75	69	83	82	81	72	75	73	58	63	78	78	65	74	75		75	79	80	75	71	78	81	79	79	82	74	80	81		75.5
	MIN	36	42	55	37	52	50	40	46	37	41	46	46	51	46	47	50	50	48	52	51	55	54	55	51	52	42	54	51	52	49		47.9
FULLERTON	MAX	76	85	83	83	83	72	70	76	75	67	72	79	74	68	73	68	75	75	86	85	69	64	70	78	73	79	75	76	82	81		75.7
	MIN	41	46	43	52	49	52	42	54	57	49	53	42	55	51	48	54	56	50	50	55	59	50	49	45	53	45	57	50	52	52		50.4
GACKLE	MAX	76	82	83	83	87	80	76	74	86	76	67	81	76	73	72	67	72	74	84	84	77	66	74	76	72	78	74	76	84	81		77.0
	MIN	49	50	51	54	56	50	44	51	55	45	48	49	52	54	52	54	51	47	54	58	56	50	49	48	53	48	54	49	52	54		51.2

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	69	74	80	82	84	85	68	70	76	71	57	67	80	65	66	78	64	55	73	82	79	60	64	76	81	70	77	72	75	78		72.6
	MIN	39	41	43	50	50	52	43	50	52	41	41	46	46	44	46	47	45	45	48	55	55	53	49	50	48	42	48	48	50	53		47.1
GRAFTON	MAX	70	73	75	74	78	69	69	74	74	60	65	77	66	60	73	73	66	70	82	77	70	70	72	77	76	78	77	76	78	77		72.5
	MIN	37	47	45	48	46	47	42	43	55	45	47	36	49	48	44	48	52	49	51	50	51	54	46	44	54	56	52	46	49	47		47.6
GRAND FORKS CAA AP	MAX	72	75	75	68	82	67	73	76	76	58	67	73	65	58	74	65	77	72	86	80	71	62	73	78	66	77	66	76	79	76		72.1
	MIN	37	48	44	50	47	47	38	47	51	47	45	39	51	49	46	51	52	50	52	54	54	52	47	48	52	51	54	50	50	48		48.4
GRAND FORKS UNIVERSITY	MAX	69	76	75	70	80	68	70	75	77	72	68	74	65	58	73	69	77	72	87	78	70	67	72	76	72	77	73	75	80	74		73.0
	MIN	38	49	45	50	46	47	39	47	55	47	48	37	50	49	45	53	55	49	50	51	53	53	45	47	54	50	54	50	50	48		48.5
GRAND RAPIDS 1 N	MAX	84	85	84	85	88	88	79	75	86	72	71	79	76	65	76	70	73	75	86	85	80	72	74	77	74	79	75	77	81	80		78.4
	MIN	44	45	39	52	47	51	41	45	57	57	52	40	53		53	55	55	55	49	54		45		45	50	44	57	48	50	51		49.4
GRANVILLE	MAX	73	72	80	74	82	76	70	76	72	59	63	79	71	66	72	69	67	76	80	76	72	69	76	81	70	79	71	70	80	82		73.4
	MIN	35	53	49	51	53	51	40	45	49	43	46	48	49	50	46	51	50	48	56	55	55	55	48	51	52	43	56	50	50	52		49.3
GRENORA	MAX	77	80	75	81	85	79	74	81	65	51	60	78	71	63	72	70	65	78	83	79	75	73	78	81	71	78	71	72	81	82		74.3
	MIN	37	53	49	42	52	51	43	46	48	39	41	41	43	44	45	43	49	45	54	56	53	50	48	55	48	40	54	44	51	51		47.2
HANKINSON R R STATION	MAX	75	72	80	82	81	80	67	68	73	81	61	74	76	74	65	70	66	75	73	84	85	66	62	69	72	76	78	73	79	82		74.0
	MIN	45	52	48	55	52	55	44	49	54	52	49	43	53	54	51	55	55	51	51	57	60	58	50	48	56	51	56	54	56	55		52.3
HANNAH	MAX	73	72	71	70	77	72	70	71		61	58	77	66	58	71	70	61	72	77	75	66	65	72	77	72	75	74	70	73	71		70.2
	MIN	32	47	47	47	48	43	44	48		41	41	38	48	43	42	43	48	47	49	48	47	52	40	48	51	42	55	41	47	45		45.2
HANSBORO	MAX	70	67	74	69	78		70	72	67	63	58	80	59	58	72	69	57	73		79	65	64	73	77	68	78	71	72	75	74		69.7
	MIN	34	49	48	49	49		38	40	43	41	42	41	47	46	41	45	48	46		52	49	50	43	46	53	45	55	44	47	44		45.5
HETTINGER	MAX	72	81	78	78	82	76	56	70	72	62	67	78	68	62	67	61	60	73	81	76	70	60	70	80	67	70	69	73	80	84		71.4
	MIN	43	52	52	54	50	53	47	50	58	44	46	55	54	45	40	50	48	46	57	58	49	46	47	51	49	47	47	47	52	59		49.9
HILLSBORO	MAX	72	78	78	74	81	77	71	74	83	81	71	78	67	65	74	74	77	74	85	83	79	67	71	73	74	79	71	78	78	82		75.6
	MIN	45	51	48	52	48	51	42	43	44	44	46	38	53	50	48	53	58	51	52	53	56	54	48	43	46	49	51	53	56	52		49.3
JAMESTOWN CAA AP	MAX	73	83	83	77	85	68	68	77	89	68	71	80	67	67	74	59	66	76	86	82	66	58	72	76	70	77	69	76	83	77		74.1
	MIN	37	48	42	53	45	46	43	45	54	47	43	39	53	50	48	52	50	49	52	53	56	51	47	44	48	46	55	51	51	50		48.3
JAMESTOWN STATE HOSP	MAX	73	84	83	77	85	79	66	76	90	75	70	75	72	66	72	67	68	76	87	85	69	60	70	78	71	80	74	76	82	80		75.5
	MIN	40	52	43	53	48	51	45	44	59	47	50	42	54	50	48	54	54	50	52	52	56	51	43	44	52	47	57	52	51	52		49.8
KENMARE	MAX	67	76	75	77	76	85	70	74	78	53	54	63	78	65	65	73	68	51	77	81	72	62	71	78	81	68	80	72	75	80		71.5
	MIN	36	48	50	49	54	47	41	48	48	40	43	45	51	45	45	45	48	43	46	55	52	52	48	55	50	45	55	47	51	50		47.7
KENSAL WILDLIFE REFUGE	MAX	78	84	86	78	86	84	72	75	79		71	84	74	69	72	66	66	77	86	83	73	65	76	78	78	80	78	79	83	80		77.2
	MIN	43		43	52	42	48	43	40	48	46	45	40	48	50	47	38	54	48	53	49	56	53	43							51		47.0
LANGDON EXP FARM	MAX	70	72	73	67	79	73	68	69	68	63	61	77	70	57	73	70	59	73	78	76	68	62	72	78	75	76	76	72	76	73		70.8
	MIN	33	42	43	47	46	40	35	40	49	41	42	37	47	43	40	46	46	46	47	48	47	51	39	45	50	41	53	45	45	42		43.9
LARIMORE	MAX	73	78	76	72	84	78	75	78	78	59	70	78	70	60	75	70	78	75	86	85	78	75	73	78	74	79	78	78	80	77		75.6
	MIN	40	50	45	51	45	50	47	41	56	46	48	39	50	50	42	51	54	49	55	53	50	53	47	45	51	48	57	51	50	49		48.8
LEEDS	MAX	72	75	77	77	80	71	69	74	71	64	62	80	77	66	73	71	60	75	81	76	68	65	74	79	77	79	74	73	79	78		73.2
	MIN	37	51	47	50	51	47	37	41	49	42	40	43	49	50	47	45	48	47	54	53	49	54	41	51	51	43	56	46	50	50		47.3
LINTON	MAX	79	82	84	83	90	70	68	75	88	84	75	85	70	68	70	68	64	79	88	88	69	65	78	82	74	82	74	80	85	83		77.7
	MIN	35	52	41	50	41	52	48	54	60	48	45	45	50	54	44	53	54	45	46	69	61	56	49	49	51	39	56	45	48	56		49.9
LISBON	MAX	73	83	83	82	81	79	68	73	81	84	73	77	78	66	70	70	74	74	83	85	84	64	69	75	75	78	78	77	82	82		76.7
	MIN	37	46	42	58	53	53	40	47	57	50	53	40	59	52	50	56	59	51	50	55	60	53	49	44	54	48	58	51	52	52		51.0
LOSTWOOD 12 N	MAX	73	73	75	75	82	80	69	75	64	51	60	77	75	65	73	71	55	71	80	79		70	76	79	69	77	72		78			72.0
	MIN	34	51	48	47	50	41	39	44	43	37	42	46	47	40	42	48	47	37	50	53		49	46	50	45	39	52		46			44.9
MADDOCK AGR SCHOOL	MAX	75	79	80	72	84	72	69	78	78	65	67	81	76	72	74	73	58	78	83	80	70	65	75	80	82	80	75	78	84	80		75.4
	MIN	36	50	49	50	47	50	39	40	50	44	45	42	47	50	41	49	52	48	53	52	52	55	42	54	46	43	57	50	53	47		47.8
MANDAN EXP STATION	MAX	70	74	83	81	78	85	64	67	75	86	60	70	82	69	66	73	58	53	75	83	78	66	66	72	80	69	78	71	73	82		72.9
	MIN	38	56	43	51	50	55	46	52	59	44	44	48	52	51	46	54	53	57	52	56	59	53	50	50	54	44	55	52	51	53		50.9
MANDAN FT LINCOLN PARK	MAX	77	85	82	79	86	68	67	76	83	65	74	81	85	73	72	67	58	83	85	87	78	66	78	80	75	81	78	81	85	84		77.3
	MIN	48	51	42	43	46	52	46	50	56	42	50	48	53	47	46	50	46	44	60	62	54	50	46	47	50	40	52	52	49	50		49.1
MARMARTH	MAX	67	82	83	88	85	85	70	63	84	75	59	74	80	70	63	71	53	64	72	84	76	58	63	73	83	70	79	72	76	83		73.5
	MIN	42	48	49	53	52	57	48	49	57	47	41	44	51	38	35	42	49	47	52	56	51	47	43	53	51	44	51	50	46	54		48.2
MAX	MAX	67	75	75	79	76	83	67	69	75	65	55	63	79	64	65	73	67	54	75	81	78	58	67	75	80	67	78	70	79	81		71.3
	MIN	40	50	46	49	50	50	44	45	51	40	43	47	47	47	45	50	49	45	52	55	55	52	50	48	53	40	53	48	49	53		48.2
MAYVILLE	MAX	73	80	80	74	80	71	70	74	81	72	70	78	65	63	73	67	76	73	82	83	72	64	74	75	75	77	76	76	81	77		74.4
	MIN	40	53	45	55	54	53	41	48	57	48	46	40	53	50	49	52	57	51	51	55	53	54	47	48	56	49	59	52	53	49		50.6
MC CLUSKY	MAX	75	81	85	78	85	80	69	74	81	60	65	80	73	69	74	70	54	75	83	78	75	65	76	81	72	79	71	75	82	82		74.9
	MIN	38	44	43	48	49	51	41	45	45	40	44	33	42	49	44	38	47	36	48	54	53	51	46	49	52	42	53	48	49	52		45.8
MC HENRY 5 N	MAX	72	79	78	72	82	72	70	74	84	61	65	82	70	65	72	64	67	74	84	75	66	61	72	77	66	78	73	74	79	76		72.8
	MIN	36	50	44	51	45	50	39	44	57	45	45	40	49	48	45	49	53	47	48	51	52	51	45	47	50	44	56	48	50	48		47.6
MC LEOD 3 E	MAX	78	82	85	83	84	80	72	75	84	81	75	79	77	75	73	65	77	78	84	85	80	65	72	75	74	79	77	78	82	80		77.8
	MIN	40	39	45		44	44	47	42	58	50	52	42	60	52	50	56	60	51	48	55	59	51	47	45	55	49	56	50	50	51		49.9
MC VILLE	MAX	70	78	76	69	81	75	72	75	82	62	65	75	68	67	71	68	71	74	84	81	70	64	72	78	70	77	75	75	79	75		73.3
	MIN	37	48	43	50	44	49	41	43	56	45	46	39	50	47	46	45	49	47	50	52	53	50	42	45	54	42	56	47	49	48		47.1
MEDORA 3 NNE	MAX	78	83	85	82	85	81	62	84	81	60	72	79	76	66	73	72	60	76	83	80	76	63	74	82	77	76	71	74	83	85		76.0
	MIN	36	56	39	50	50	55	50	53	58	46	40	57	43	39	39	50	49	46	52	53	51	49	41	50	49	39	53	47	48	48		47.9
MINOT CAA AP	MAX	73	70	78	75	84	68	68	76	61	56	62	80	62	67	73	67	52	76	80	75	64	69	75	82	67	79	70	75	80	83		71.6
	MIN	40	55	55	49	57	51	47	52	43	41	48	49	49	47	47	50	48	47	59	53	53	53	51	57	51	48	55	52	53	50		50.3
MINOT EXP STATION	MAX	67	72	70	78	74	83	67	69	70	59	55	63	79	63	66	73	65	57	76	80	75	63	68	75	80	68	78	71	73	79		70.5
	MIN	38	52	52	48	54	51	44	48	53	39	43	47	49	48	44	46	48	46	52		53	53	48	53	50	41	54	48	50	49		48.3
MOFFIT 4 SE	MAX	73	83	81	80	84	83	66	76	85	70	69	82	80	68	72	67	60	75	84	82	74	64	75	79	78	79	76	75	81	81		76.1
	MIN	35	52	40	51	45	51	45	51	58	45	46	44	49	51	41	49	54	46	46	56	59	54	48	45	50	38	51	46	49	53		48.3
MOHALL	MAX	74	72	72	75	81	81	72	77	74	56	62	80	72	66	73	72	55	77	80	80	66	70	77	81	74	79	76	75	80	79		73.6
	MIN	34	55	48	52	53	46	38	60	44	41	44	47	49	45	45	50	49	47	47	55	53	55	46	53	50	39	56	49	48	52		48.3
MOTT	MAX	73	83	85	80	80	72	57	75	78	63	71	81	68	63	70	59	57	74	82	76	67	64	72	79	67	75	68	74	82	83		72.6
	MIN	38	49	57	47	52	49	47	49	56	43	43	50	50	43	39	50	49	40	52	53	50	46	45	47	50	43	49	46	47	52		47.7
MUNICH 4 SW	MAX	71	73	75	67	78	76	69	72	71	64	60	79	67	67	74	73	58	75	79	74	66	64	73	77	74	76	77	73	76	74		71.7
	MIN	34	44	43	59	42	42	39	41	49	40	41	39	43	42	41	44	48	46	48	51	49	52	41	45	50	43	47	45	46	44		44.6

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	75	85	83	82	87	77	66	73	85	74	71	80	79	66	70	67	63	75	84	84	75	62	75	78	72	79	75	75	82	82		76.0
	MIN	36	55	41	51	47	53	44	54	59	45	49	46	52	53	48	52	54	47	52	58	58	53	49	51	55	45	56	53	53	54		50.8
NEW ENGLAND	MAX	73	82	81	79	83	63	57	76	75	58	70	78	71	62	70	63	56	74	81	76	68	64	71	81	67	77	67	73	81	83		72.0
	MIN	42	51	49	55	54	53	48	49	57	44	44	52	49	42	40	50	49	45	53	58	48	46	45	47	52	43	50	50	47	52		48.8
NEW SALEM 1 S	MAX	78	84	81	79	86	81	65	76	80	68	70	81	68	68	75	67	55	75	82	79	70	67	76	79	69	77	70	73	83	80		74.7
	MIN	44	56	60	49	53	52	45	45	47	41	42	45	43	47	47	50	48	41	52	54	53	51	49	50	50	46	52	45	52	52		48.7
NEWTOWN	MAX	74	75	80	77	85	82	67	77	70	53	67	78	76	63	75	68	54	76	81	80	76	69	76	81	70	78	73	73	82	84		74.0
	MIN	35	58	46	49	50	53	47	47	53	41	43	52	48	41	45	52	50	40	55	57	54	51	51	51	52	40	55	49	50	53		48.9
OAKES	MAX	72	70	82	80	80	80	65	68	74	82	60	72	76	71	66	68	64	72	73	83	85	64	59	67	76	73	77	72	76	80		72.9
	MIN	41	48	44	53	50	54	42	53	57	50	49	43	57	51	47	55	57	51	48	56	60	55	49	44	54	48	57	51	53	54		51.0
PARK RIVER	MAX	71	74	75	70	80	70	70	75	75	61	65	77	68	60	72	70	62	74	84	79	70	69	72	78	76	78	77	76	79	76		72.8
	MIN	38	49	48	50	48	49	42	47	54	45	48	40	50	48	48	49	53	48	56	52	52	54	48	50	57	51	55	50	52	49		49.3
PARSHALL	MAX	75	76	81	79	85	83	69	78	74	55	66	78	75	64	74	70	55	76	82	80	76	69	76	79	73	79	75	74	81	85		74.7
	MIN	32	57	45	48	50	60	50	46	50	40	43	50	43	43	44	46	50	39	54	54	53	51	50	51	51		51	45	46	49		48.0
PEMBINA 2 N	MAX	70	65	72	72	77	73	72	72	72	63	65	70	68	64	74	72	69	71	73	70	72	71	73	76	76	76	76	72	75	83		71.8
	MIN	34	44	40	58	44	44	33	39	55	40	47	35	45	52	42	50	44	48	46	45	49	50	49	40	54	48	54	48	45	51		45.8
PETERSBURG	MAX	70	76	72	68	80	69	68	73	75	59	63	77	68	58	70	68	73	72	82	75	66	64	71	76	71	75	74	73	76	73		71.2
	MIN	40	48	45	49	48	47	43	42	56	45	46	39	50	47	46	52	51	47	51	52	52	51	42	48	52	45	55	46	50	49		47.8
PETTIBONE	MAX	72	81	83	77	84	71	68	69	86	72	66	85	80	69	71	68	57	74	82	83	74	64	72	79	76	77	72	75	80	80		74.9
	MIN	38	49	49	51	47	50	44	46	58	46	46	43	50	50	46	51	50	47	49	51	54	50	44	48	50	41	55	46	49	51		48.3
PORTAL	MAX	72	78	75		80	80	69	72	77	50	63	67	77	65				66	78	80	78		75			71	80	80	78			73.2
	MIN	36	47	46		50	40	41	44	46	39	42	46	50	43	42	48	50	42	53	55	50	51	49	53	48	41	54	55	54			47.0
POWERS LAKE 1 N	MAX	74	75	76	77	83	73				52	60	76		67		76	52	75	82	73	59	70	75	80	68	78	70	73	80	84		72.3
	MIN	30	46	41	37	47	48	48		48	48	42	60		41		50	47	45				54	43	51	43	36	50	55	52	48		46.3
RAUB 10 SSW	MAX	74	77		82	84	70	68	78	76	55	67	80	66	64	73	71	54	76		81	74	68	75		80	77	70	73	81	85		73.3
	MIN	45	56		52		53	47	52	51	42	45	52	49	47	47	50	50	42		57	54	52	52		52	47	55	51	52	51		50.1
RICHARDTON ABBEY	MAX	75	82	81	78	84	81	64	78	79	64	71	79	74	65	72	62	53	75	82	78	74	63	75	80	68	76	70	74	82	82		74.0
	MIN	45	52	49	52	54	53	47	50	57	41	44	52	49	44	42	50	48	45	55	57	50	47	48	50	50	45	52	50	51	57		49.5
RIVERDALE	MAX	67	74	77	82	77	82	67	69	77	74	57	66	78	66	65	72	62	56	75	81	77	58	67	74	80	68	78	71	74	81		71.7
	MIN	45	53	50	48	50	50	45	48	53	42	44	48	50	48	48	50	49	49	54	57	57	51	53	50	55	46	55	56	50	54		50.3
ROLLA	MAX	69	68	73	67	78	65	68	72	64	61	57	77	61	60	71	67	54	74	79	74	64	65	74	77	66	77	73	72	76	75		69.3
	MIN	40	48	49	48	51	45	40	42	42	40	43	41	46	42	45	46	47	45	52	52	48	51	46	48	48	47	54	48	50	50		46.5
RUGBY	MAX	73	75	79	76	82	80	76	74	72	73	62	81	79	78	73	73	63	76	81	81	69	68	76	80	78	79	79	73	80	80		75.6
	MIN		52	49	53	52	49	47	44	42	42	44	46	49	51	42	52	49	42	54	52	52	57	49	51	53	43	52	48	51	52		48.9
SAN HAVEN	MAX	70	70	75	67	78	70	70	71	70	62	58	78	75	70	73	71	65	75	78	76	65	67	74	76	74	77	72	72	77	75		71.7
	MIN	40	47	48	49	51	45	44	40	45	40	43	44	47	48	45	52	48	46	51	55	50	55	46	49	49	44	55	49	49	52		47.5
SHARON	MAX	68	78	77	70	80	78	70	75	84	60	65	75	67	62	67	64	72	70	82	77	68	66	70	76	70	75	74	72	77	75		72.1
	MIN	38	48	46	51	46	50	41	43	56	45	48	48	50	49	49	50	52	48	50	53	48	51	45	47	54	45	57	46	50	47		48.4
STANLEY	MAX	81	84	79	79	83	76	70	78	66	55	65	70	77	64	74	69	55	77	82	77	65	70	72	79	70	78	70	74	81	85		73.5
	MIN	36	54	50	48	50	51	44	42	44	39	44	49	50	40	43	47	49	40	54	53	52	51	49	52	51	41	54	56	52	49		47.8
STEELE	MAX	75	85	83	79	87	82	69		88	68	69	84	80	69	71	69	60	75	85	83	75	62	74	79	74	78	72	76	84	82		76.4
	MIN	36	53	44	50	47	52	41		58	45	46	45	45	50	42	50	50	45	49	56	55	50	47	49	51	42	54	47	50	50		48.2
TIOGA 1 E	MAX	65	75	76	79	80	84	70	63	78	57	52	66	76	66	61	74	66	56	75	79	75	62	65	75	80	69	74	68	70	82		70.6
	MIN	35	51	48	49	49	51	45	44	53	40	40	43	41	42	41	49	48	40	51	55	51	50	48	45	47	37	52	41	44	47		45.9
TOWNER	MAX	74	71	81	76	83	70	73	76	71	64	63	81	73	71	76	71	56	78	82	76	70	71	80	82	75	81	76	76	82	83		74.7
	MIN	36	43	47	52	52	48	38	42	55	44	45	44	50	48	45	48	48	47	52	53	52	53	49	51	49	39	54	47	47	49		47.6
TURTLE LAKE	MAX	75	82	84	78	85	80	70	74	80	63	65	81	76	70	74	71	55	76	83	79	76	66	76	80	75	80	72	76	82	84		75.6
	MIN	39	56	48	48	49	50	42	47	49	41	46	47	49	49	44	49	48	44	52	54	57	51	49	49	41	41	54	50	49	52		48.1
UNDERWOOD	MAX	69	75	80	79	83	85	67	71	76	77	57	67	78	69	65	64	73	50	81	77	67	58	66	76	80	68	77	70	74	80		72.0
	MIN	38	55	49	51	50	51	44	47	54	42	43	47	54	45	44	40	49	45	55	57	54	52	49	48	53	45	49	49	50	54		48.8
UPHAM 3 N	MAX	74	73	81	75	81	78	75	76	75	61	62	81	79	67	74	66	58	78	82	77	70	67	78	81	78	81	78	75	79	77		74.6
	MIN	36	52	46	53	53	49	42	42	45	42	45	47	49	51	45	51	49	48	55	56	54	54	48	50	48	41	56	48	48	52		48.5
VALLEY CITY	MAX	74	83	83	77	83	68	69	78	88	81	72	79	76	65	73	70	73	75	86	85	81	63	70	77	77	78	78	77	81	77		76.6
	MIN	40	43	47	54	52	43	42	50	49	48	53	40	55	50	49	55	55	50	50	51	57	51	48	46	53	47	56	51	52	52		49.6
VELVA	MAX	69	76	73	80	77	84	69	73	80	67	59	66	83	65	68	76	65	55	78	82	76	62	65	78	82	70	82	74	77	82		73.1
	MIN	36	54	47	50	53	52	41	47	57	42	43	45	50	49	46	45	46	48	55	52	55	55	47	55	51	42	55	52	51	50		49.0
WAHPETON STATE SCHOOL	MAX	75	79	84	81	85	84	72	75	80	80	76	78	78	69	71	70	76	74	84	84	83	67	72	74	75	80	78	79	83	81		77.6
	MIN	40	49	45	60	51	53	44	51	59	52	53	44	58	54	50	56	61	52	52	58	60	54	49	47	56	47	56	51	53	52		52.2
WASHBURN	MAX	75	82	83	80	87	83	70	74	80	63	69	80	76	67	75	71	56	76	82	80	75	66	77	82	71	77	78	77	82	83		75.9
	MIN	40	57	47	50	50	52	42	46	60	46	47	40	49	50	47	51	50	47	58	56	52	53	49	55	51	41	55	49	50	53		49.8
WATFORD CITY	MAX	79	78	85	82	86	77	69	82	66	56	69	79	72	65	75	69	61	77	83	79	73	67	76	83	75	78	71	74	83	89		75.3
	MIN	43	60	48	49	51	55	46	48	51	44	46	56	45	42	43	50	49	45	52	58	52	50	47	55	50	45	54	48	50	53		49.5
WATFORD CITY 14 S	MAX	79	80	85	84	87	86	67	82	84	67	69	79	78	73	76	76	61	77	82	83	77	67	75	82	80	79	72	75	82	87		77.7
	MIN	39	56	43	52	48	49	44	38	53	44	45	51	41	37	40		47	40	51	56	51	48	44	54	47	39	52	46	46	51		46.6
WESTHOPE	MAX	76	70	75	72	81	73	71	75	63	55	63	79	68	67	74	69	54	80	82	72	63	71	75	81	68	79	73	75	76	78		71.9
	MIN	33	51	44	49	52	44	41	41	40	40	42	43	48	45	43	49	46	45	43	53	53	51	45	47	45	39	53	45	46	45		45.4
WILLISTON WB CITY	MAX	78	75	80	81	85	69	68	82	62	54	66	76	67	64	74	66	64	78	84	77	60	70	77	80	72	78	72	74	83	90		73.5
	MIN	44	60	53	53	56	56	50	52	46	45	45	56	49	47	49	50	49	49	56	58	53	52	50	56	51	47	56	51	53	58		51.7
WILLISTON EXP FARM	MAX	78	76	71	79	84	82	68	80	76	51	65	76	72	63	71	67	63	76	81	78	76	69	75	79	75	77	71	72	82	89		74.1
	MIN	39	54	46	46	52	52	41	45	46	39	39	50	41	41	41	47	45	44	50	53	49	48	44	49	44	40	51	45	46			45.8
WILLOW CITY	MAX	79	74	79	72	77	76	73	74	72	66	62	72	75	68	73	71	60	78	82	78	63	69	72	80	74	79	76	75	80	76		73.5
	MIN	31	52	39	50	46	45	35	40	42	42	44	45	47	46	45	45	49	47	50	53	48	54	43	47	50	42	55	46	49	45		45.7
WILTON	MAX	74	78	80	78	85	78	69	72	75	60	66	80	74	67	73	67	54	73	81	77	64	63	74	80	68	77	72	73	80	84		73.2
	MIN	42	52	47	48	48	50	44	44	50	39	45	44	50	48	43	48	47	43	50	54	52	50	48	47	48	43	52	48	51	53		47.6
WISHEK	MAX	69	76	83	83	80	83		65	71	83	67	70	77	70	69	67	67	68	74	83	82	66	62	70	72	72	76	71	75	80		73.5
	MIN	37	49	38		42	47	47	50	57	45	48	40				52	45	42	42	52	57	52	45	45	49	41	56	47	49	46		46.9

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.22	.17	.18	.18	.17	.20	.18	.16	.12	.12	.15	.16	.09	.02	.06	.11	-	.07	.16	.10	.09	.12	.16	.24	-	27	.06	21	.26	.35		4.698
	WIND	38	54	38	54	25	36	25	32	38	28	39	38	13	8	18	13	47	87	43	29	29	42	29	33	60	56	35	50	45	32		1114
DICKINSON EXP STATION (A)	EVAP	.23	.27	.17	.18	.14	.22	.06	.11	.21	.23	.12	.19	.22	.17	.12	.14	.31	.08	.13	.17	.15	-	.13	.18	.16	•	*	.52	.15	.17		5.108
	WIND	90	200	80	110	50	90	100	120	120	150	50	100	90	60	130	70	60	120	260	70	60	180	90	85	120	105	110	100	60	50		3080
EDGELEY EXP FARM	EVAP	.26	.30	.31	.28	.27	.24	.09	.19	.26	.25	.30	.09	.23	-	-	.13	.03	.21	.29	.28	.25	.06	.13	.13	.25	.33	.26	.14	.24	.26		6.498
	WIND	100	50	116	59	40	67	73	35	100	130	68	39	77	101	118	55	82	105	71	64	93	87	125	30	50	88	51	76	70	35		2255
MANDAN EXP FARM (A)	EVAP	.35	.38	.02	.18	.14	.20	.18	.12	.09	.23	.11	.20	.20	.11	.20	.11	.05	.08	.12	.18	.13	.13	.12	.10	.18	.26	.17	.19	.14	.16		4.83
	WIND	110	118	102	79	40	88	71	67	110	146	60	83	93	73	102	95	141	172	59	75	66	171	97	39	116	114	60	105	46	37		2735
RIVERDALE	EVAP	.17	.40	.29	.18	.24	.30	.20	.23	.25	.22	.17	.12	.30	.21	.06	.15	-	.09	.30	.21	.17	.09	.14	.13	.30	.29	.15	.18	.22	.29		6.268
	WIND	87	141	94	127	85	97	104	83	160	101	52	118	94	60	101	47	238	168	74	64	70	144	74	42	122	79	73	82	50	59		2890
WILLISTON EXP FARM	EVAP	.39	.37	.30	.14	.48	.35	.25	.33	.11	.08	.17	.45	.19	.14	.23	.21	.17	.24	.32	.33	.14	.12	.23	.33	.38	.23	.23	.26	.34	.42		7.93
	WIND	83	139	75	88	85	118	67	116	101	81	101	166	80	118	99	96	68	101	172	76	97	67	92	122	179	53	157	128	63	69		3057

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

OTHER SEVERE STORMS

Several tornadoes and funnel clouds were reported at a number of places in North Dakota on June 5, 13, 20, 22, 27, and 30. Besides the devastating tornado which swept through Fargo on June 20, tornadoes caused damage in Ransom County on the 5th near Verona where a house and a barn were wrecked, and in Dickey County near Oakes where on the 20th an airplane and hangar were destroyed, and a number of buildings were damaged.

Hail damage was reported in scattered areas on the 12th, 18th, 19th and 20th. Damaging winds and hail caused considerable damage to seven farm buildings in Stutsman County on the afternoon of the 20th.

Additional details about these storms are to be found in the Climatological Data, National Summary.

M. Oliver Asp
Climatologist
Weather Records Processing Center
Kansas City, Missouri

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1956-1957

NORTH DAKOTA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY-JUNE
ALMONT 7 SW	27	40	239	418	994	1314	1867	1338	1108	716	307	108	8476	
AMENIA	13	31	264	405	1005	1439	1889	1452	1151	665	276	70	8660	
AMIDON	50	63	264		1018	1260	1859		1118	787	303			
ARVILLA STATE PARK	68	44	358	505	1077	1641	2009	1554	1226	724	306	123	9635	
ASHLEY	32	41	282	429	1048	1369	1904	1411	1163	701	333	117	8830	
BEACH	46	75	281	539	1028	1279	1889	1359	1155	809	353	158	8971	
BELCOURT INDIAN RES	87	78	419	639	1179	1680	2099	1621	1333	818	369	194	10516	
BELFIELD	40	49	280	570	1043	1299	1870	1340	1112	766	341	164	8874	
BEULAH	61	59	339	564	1110	1377	2000	1418	1190	778	300	124	9320	
BISBEE	54	54	403	582	1139	1644	2059	1564	1223	785	336	158	10001	
BISMARCK WB AP	17	48	287	485	1032	1369	1958	1432	1145	692	307	93	8865	9033
BOTTINEAU	60	60	401	605	1246	1684	2142	1675	1299	808	327	175	10482	
BOWBELLS	74	79	385	620	1093	1528	1981	1451	1199	777	347	137	9671	
BOWMAN COURT HOUSE	33	67	240	497	1037	1249	1827	1243	1053	771	334	149	8500	
BUTTE			343	462	1088							139		
CARRINGTON	51	58	392	547	1145		1991	1542	1259	788	356	153		
CARSON NO 2	29	43	269	475	1066	1343	1893	1384	1142	744	339	140	8867	
CAVALIER	31	29	343	493	1052	1638		1521	1240	719	286	135		
CENTER	40	60	323	559	1051	1374	1952	1478	1169	762	346	113	9227	
COOPERSTOWN	31	38	333	480	1061		1944	1510	1202	709	313	123		
CROSBY	42	69	339	624	1096	1511	1971	1465	1179	762	267	118	9443	
DEVILS LAKE WB CITY	48	49	373	541	1121	1574	1991	1557	1248	756	335	155	9748	9940
DICKINSON CAA AP	41	59	267	519	1022	1293	1885	1353	1137	798	369	154	8897	
DICKINSON EXP STATION	36	62	279	519	1022	1314	1878	1400	1134	800	342	148	8934	
DRAKE	28	46	355	498	1113	1483	1994	1548	1216	764	303	140	9488	
DUNN CENTER 2 SW	41	66	310	552	1040	1385	1921	1423	1181	783	316	135	9153	
ECKMAN 2 SE	46	56	401	594	1146	1609	2096	1623	1272	815	334	164	10156	
EDGELEY EXP FARM	33	38	285	457	1075	1375	1924	1449	1167	695	355	116	8969	
EDMORE 1 W	62	85	470	635	1166	1634	2022	1581	1279	770	350	189	10243	
ELLENDALE	8	26	213	365	987	1300	1832	1333	1071	630	306	67	8138	
ENDERLIN	19	41	321	481	1073	1443	1943	1479	1187	717	329	114	9147	
FAIRFIELD	45	57	276	612	1055	1345	1935	1376	1196	810	358	156	9221	
FARGO WB AP	14	39	291	404	1025	1494	1935	1465	1159	668	286	88	8868	9274
FESSENDEN	29	32	306	463	1049	1422	1914	1455	1159	700	329	83	8941	
FORMAN	12	22	231	380	1018	1375	1867	1376	1101	638	320	67	8407	
FORT YATES	4	18					1926	1323	1142	696	329	76		
FOXHOLM 7 N	33	36	289	505	1048	1474	1919	1453	1167	747	287	103	9061	
FULLERTON	9	24	237	383	1006	1338	1872	1363	1101	627	292	72	8324	
GACKLE	17	35	278	443	1054	1405	1918	1457	1174	702	310	56	8849	
GARRISON	42	46	322	562	1082	1460	1953	1495	1206	768	327	157	9420	
GRAFTON	39	39	372	483	1047	1634	1965	1505	1206	716	284	144	9434	
GRAND FORKS CAA AP	35	47	363	509	1069	1603	1999	1531	1221	713	317	143	9550	
GRAND FORKS UNIVERSITY	28	35	338	466	1055	1593	1995	1533	1202	699	282	126	9352	
GRAND RAPIDS 1 N	16	35	267	435	1008	1377	1899	1418	1104	662	304	48	8573	
GRANVILLE	32	43	293	508	1044	1474	1933	1467	1162	724	298	112	9090	
GRENORA	52	52	276	539	1002	1448	1920	1405	1122	731	274	138	8959	
HANKINSON R R STATION	23	26	311	421	1050	1386	1871	1419	1161	677	333	81	8759	
HANNAH	76	72	424	584	1108	1681	2085	1603	1305	779	339	207	10263	
HANSBORO	71	67	427	600	1169	1633	2039	1585	1295	785	351	218	10240	
HETTINGER	21	77	278	507	1028	1233	1800	1248	1090	764	363	144	8553	
HILLSBORO	35	36	278	402	1015	1487	1907	1458	1166	683	259	86	8812	
JAMESTOWN CAA AP	33	49	316	512	1065	1426	1928	1479	1171	697	346	124	9146	
JAMESTOWN STATE HOSP	16	33	280	442	1017	1391	1893	1465	1130	688	312	91	8758	
KENMARE	58	57	371	595	1101	1518	1978	1524	1247	818	317	165	9749	
KENSAL WILDLIFE REFUGE	23	37	283	461	1028	1416	1884	1451	1147	677	299	102	8808	
LANGDON EXP FARM	74	62	420	569	1145	1682	2103	1610	1295	785	354	219	10318	
LARIMORE	22	35	340	461	1037	1572	1940	1471	1178	707	299	93	9155	
LEEDS	48	48	352	525	1126	1595	1992	1555	1216	745	313	140	9655	
LINTON	13	28	261	420	1008	1326	1941	1383	1091	669	274	69	8483	
LISBON	21	31	262	409	1025	1435	1914	1438	1119	652	307	71	8684	
LOSTWOOD 12 N				640	1094	1536	2004	1454	1218	761	336	192		
MADDOCK AGR SCHOOL	39	48	335	534	1085	1508	1950	1512	1194	725	305	108	9343	
MANDAN EXP STATION	23	54	302	461	1023	1352	1950	1450	1155	712	305	113	8900	
MANDAN FT LINCOLN PARK	13	49	264	444	1029	1352	1923	1405	1122	706	276	86	8669	
MARMARTH		42	189	469			1824	1191	951					
MARMARTH											330	154		
MAX	47	54	361	573	1133	1471	1987	1555	1242	803	322	161	9709	
MAYVILLE	27	24	278	437	1010	1499	1922	1478	1189	687	290	90	8931	
MC CLUSKY	39	38	314	493	1106	1487	1973	1561	1200	755	329	141	9436	
MC HENRY 5 N	58	54	370	518	1082	1550	1988	1551	1223	732	339	145	9610	
MC LEOD 3 E	11	33	222	390	1009	1408	1877	1370	1105	625	290	59	8399	
MC VILLE	41	51	366	513	1091	1562	1988	1566	1206	737	351	145	9617	
MEDORA 3 NNE	23	52	254	528	978	1281	1881	1305	1053	746	321	118	8540	
MINOT CAA AP	49	63	340	546	1077	1458	1950	1465	1194	750	305	134	9331	
MINOT EXP STATION	49	13	341	564	1105	1486	1983	1539	1233	783	331	170	9597	
MOFFIT 4 SE	30	63	275	444	1031	1350	1907	1410	1132	697	332	97	8768	
MOHALL	47	52	328	559	1117	1555	1954	1477	1197	755	315	127	9483	
MOTT	42	60	288	504	1014	1295	1851	1303	1103	782	381	155	8778	
MUNICH 4 SW	129	130	524	688	1258	1803	2251	1763	1449	909	340	199	11443	
NAPOLEON	21	41	270	420	1037	1372	1928	1407	1138	686	319	76	8715	
NEW ENGLAND	36	64	273	512	1007	1272	1848	1293	1078	778	367	148	8676	
NEW SALEM 1 S	26	55	270	480	1002	1345	1909	1411	1151	717	332	116	8814	
NEWTOWN	48	43	280	544	1038	1422	1932	1432	1119	732	285	123	8998	
OAKES	21	37	281	467	1082	1399	1938	1453	1149	682	342	106	8957	
PARK RIVER	23	30	313	442	1037	1583	1948	1502	1213	699	266	121	9177	
PARSHALL	55	62	292	454	1060	1449	1969	1466	1146	751	337	124	9165	
PEMBINA 2 N	17	41	382	482	1029	1640	2043	1653	1290	741	238	181	9737	
PETERSBURG	37			536	1100	1580	1996	1553	1249	750	346	161		
PETTIBONE	32	49	327	474	1099	1449	1998	1512	1196	729	340	108	9313	
PORTAL	74	62	381	627	1156	1699	2057	1585	1301	797	325	161	10225	
POWERS LAKE 1 N	76	88	370	662	1161	1487	2098	1496	1258	822	366	176	10060	
RAUB 10 SSW	34	42	247		946	1364	1904	1413	1168	688	280	115		
RICHARDTON ABBEY	34	45	234	492	1033	1329	1877	1327	1117	734	319	116	8657	
RIVERDALE	39	51	338	529	1068	1401	1965	1495	1220	778	321	128	9333	
ROLLA	70	56	414	598	1151	1649	2043	1589	1282	803	356	209	10220	

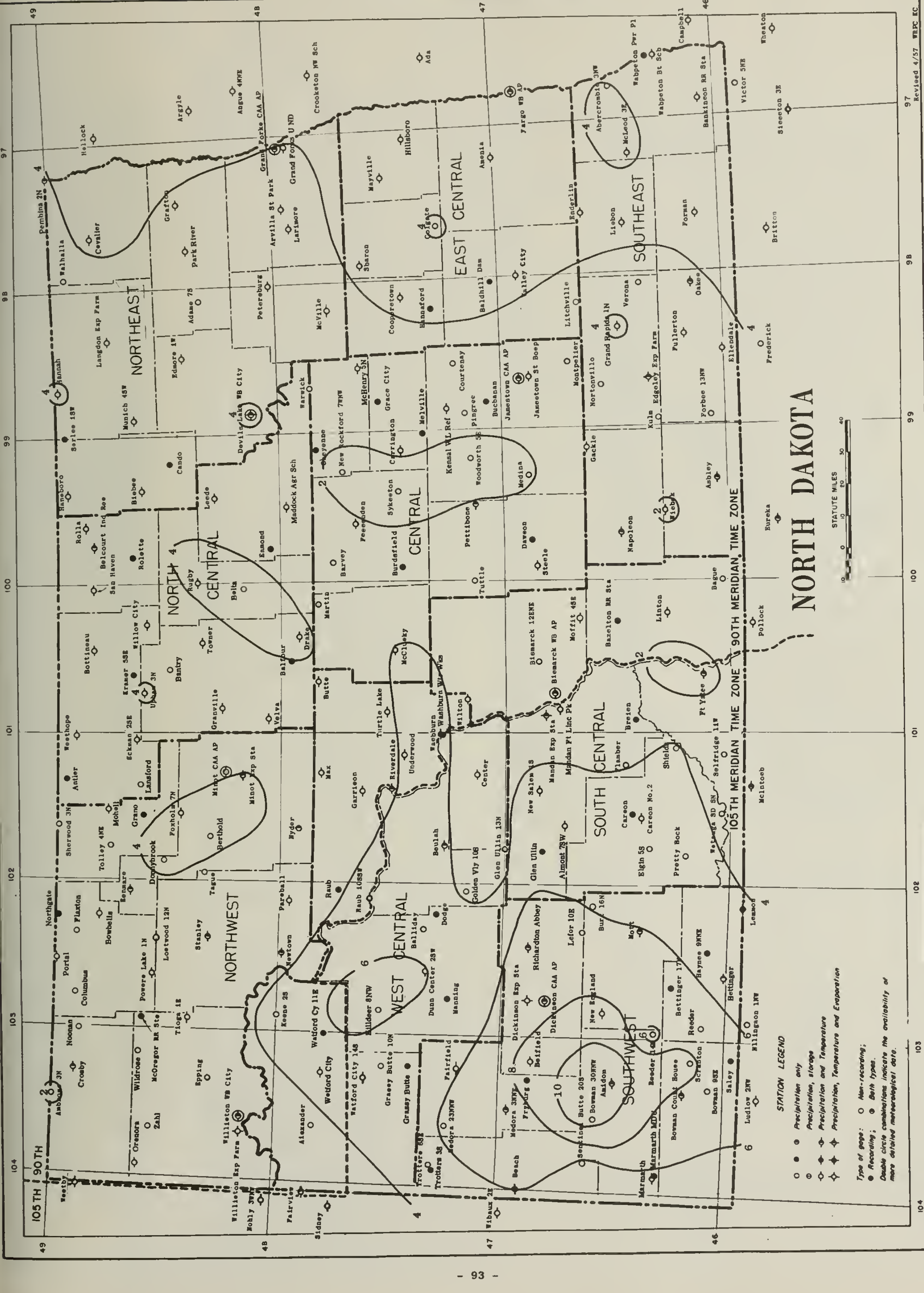
See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1956-1957

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY-JUNE
RUGBY	23	32	304	489	1106	1543	1979	1509	1184	724	270	83	9246	
SAN HAVEN	54	50	349	525	1136	1600	2053	1562	1268	784	301	153	9835	
SHARON	40	54	325	453	1084	1550	1981	1542	1219	739	341	143	9471	
STANLEY	74	86	393	596	1080	1473	1960	1475	1179	774	321	136	9547	
STEELE	35	45	320	456	1067	1373	1913	1439	1152	681	308	99	8888	
TIOGA 1 E	82	71	388	668	1141	1529	2020	1560	1244	823	359	202	10087	
TOWNER	55	68	387	598	1063	1534		1514	1156	718	268	117		
TURTLE LAKE	28	29	314	496	1087	1430	1967	1483	1199	744	310	105	9192	
UNDERWOOD	62	60	355	530	1118	1450	1982	1533	1239	765	327	148	9569	
UPHAM 3 N	30	37	332	526	1106	1564	1950	1517	1177	726	260	107	9332	
VALLEY CITY	20	37	269	401	962	1390	1880	1434	1131	622	265	72	8483	
VELVA	37	39	302	492	1039	1456	1961	1501	1191	754	304	134	9210	
WAHPETON STATE SCHOOL	13	29	250	324	976	1394	1826	1349	1085	609	267	45	8167	
WASHBURN	30	43			990	1327	1885	1411	1116	685	276	94		
WATFORD CITY	40	47	249	551	1008	1369				716	257	103		
WATFORD CITY 14 S	25	44	221	503	950	1315	1885	1319	1078	692	269	109	8410	
WESTHOPE	52	67	391	621	1176	1631	2010	1588	1239	824	349	185	10133	
WILLISTON WB CITY	40	58	264	537	981	1401	1963	1391	1098	711	262	103	8809	9068
WILLISTON EXP FARM		53	277	582	1038	1498	2011	1459	1178	799	305	160		
WILLOW CITY	47	54	377	632	1188	1672	2029	1573	1225	778	329	157	10061	
WILTON				468	1077	1315		1479	1223	750	346	139		
WISHEK	28	38	276	393			1994	1520	1226	761	401	151		

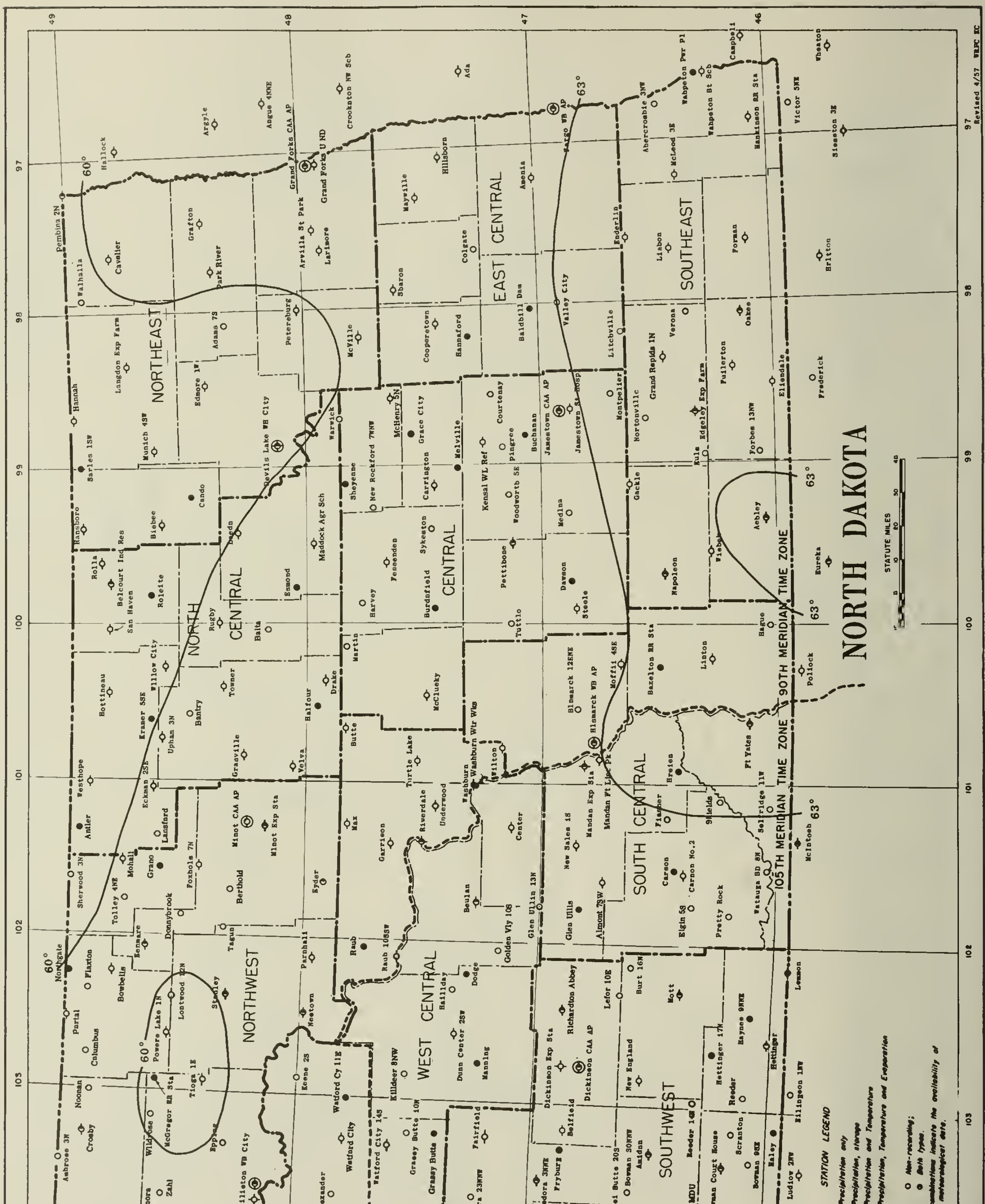
TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

JUNE 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		8P	Myron J. Hata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	48 43	101 39	2300	7P	7P	Bowan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	48 29	103 19	2910	8A	8A	Fred Fleener	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond M. Meller	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple M. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Belen Tobias	2 3 5 7 C
Belcourt Indian Mis.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0766	Mercer	8	47 18	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1800	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Hook	2 3 5 C
Bowman 9 SE	0998	Bowman	3	48 05	103 19	2835		6P	Olaf Aanen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Banson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank B. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. H. Hendrickson	C
Burt 18 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Barry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Bannen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Belnz	2 3 5 7
Colgate	1688	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marnon	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wine	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 8
Dodge	2213	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		8P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2385	Dunn	8	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		8P	Art A. Belinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	98 37	1620	6P	6P	Emil E. Runt	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		8P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MID	John Syminow	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	8	47 10	102 03	1870		6P	Robert R. Hackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 R	3665	La Moure	5	46 28	98 21	1360	6P	8P	Albert J. Neen	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1825		MID	Robert Decker	C
Granville	3886	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3698	McKenzie	7	47 24	103 14	2660		MID	V. F. Kreinbrink	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Ednel G. Crist	3
Grenora	3738	Williams	8	48 37	103 56	2114	6P	6P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	Walter Weisenburger	3
Hankinson M E Station	3908	Richland	10	48 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	8P	U.S. Customs Office	2 3 5
Hansboro	3863	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		8P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John H. Lee	C
Hazelton E R Station	4083	Emmons	8	48 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	6P	8P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4188	Adams	1	48 15	102 39	2610		MID	O. J. Gerhracht	C
Hillsboro	4203	Traill	10	47 24	97 04	801	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	98 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	48 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Serget	3
Kenmare	4848	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4858	Stutsman	5	47 18	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1870		8P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	8	48 45	98 20	1815	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1800		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels H. Sogen	2 3 5
Leeds	5078	Benson	2	48 17	88 28	1515	6P	8P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	48 18	100 14	1685	8P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	48 28	87 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	48 39	88 11	1467		8P	Melvin Rörvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	98 30	1804	6P	8P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 45	100 52	1874	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	8	47 14	102 48	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	48 18	103 55	2714	8P	6P	CLOSED - - - - -	4/10/57
Marmarth	5575	Slope	7	48 18	103 55	2710	8A	8A	E. B. Jestnes	2 3 5 C
Martin	5810	Sheridan	11	47 50	100 07	1810		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. H. Schafer	2 3 5 7
Mayville	5880	Traill	10	47 30	97 19	975	6P	8P	B. A. Rayax	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	8P	Elmer L. Schielke	2 3 5 7
McGregor M E Station	5720	Williams	8	48 38	102 58	2221		MID	L. S. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 48	98 10	1487	6P	8P	Robert D. Gotz	2 3 5
Medina	5798	Stutsman	8	48 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	98 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	8025	Renville	12	48 46	101 31	1639	6P	6P	W. B. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	48 42	98 35	1379		6P	Rolf Ranson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1855	6P	8P	Gladys Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6385	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1805	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1860		6P	George Kontek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	8565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Bolton	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Rander 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin B. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8386	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley 4 NE	8764	Renville	12	48 46	101 45	1742		6P	Carl S. Aalund	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8813	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	48 16	98 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	8P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Hellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3
NEW STATIONS										
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Asundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, ASHEVILLE, N. C. -- 8-5-57 -- 850

CORRECTIONS

April 1957: Weather Summary, Storms section, delete first three sentences; these two tornadoes occurred on May 1.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

JULY 1957
Volume LXVI No. 7

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ASHEVILLE: 1957

WEATHER SUMMARY

Row crops improved during July with good yield prospects. There was adequate moisture in the main corn producing area. Other crop prospects declined because of the high temperatures, hail, disease, and the lack of moisture in a few areas. Barley suffered most from the high temperatures. Most of the early acreage was at the critical filling stage when the hot weather came, resulting in reduced yields and light test weights. Flax suffered from heat and drought and from a serious infection of Aster Yellow which further reduced yield prospects. Oats suffered somewhat from the high temperatures. Hail took more than the usual toll, damaging crops in nearly all counties.

Afternoon temperatures during July were mostly in the 80's and 90's. They rose to the 90's on more than half the afternoons at a number of stations in the south central part of the State. Early morning temperatures were mostly in the 50's and 60's. Numerous stations, mostly in the western sections, registered minimums in the 40's on one or more mornings. Mean temperatures at the Weather Bureau Offices were above normal on most days. They were near normal from the 4th to 9th and slightly below normal from the 18th to 20th. Most stations registered their lowest temperatures for the month during the period 3d to 9th. Monthly minimum temperatures were mostly in the upper 40's and lower 50's. The coldest temperature for the State, 42°, occurred at Willow City on the 5th. This was rather mild for the State minimum. In most Julies, the State low temperatures are in the 30's. The only year in which the minimum for the State was higher than 42° was in 1935 when the lowest temperature for July was 45°.

Gentle southerly winds and mostly cloudless skies combined with the long days to make the period 9th to 17th the hottest time during the month. Most stations registered their highest temperatures for the month on the 10th or 11th. Temperatures climbed to 100° or higher on one or more days over many central, north central, and northwestern counties and at scattered stations in other sections of the State. The highest temperature for the State, 104°, occurred at Maddock Agricultural School on the 10th. Monthly mean temperatures ranged from 69.3° at Langdon Experimental Farm to 76.6° at Linton. Monthly mean temperatures were above the long-term means at all stations. Temperature departures ranged from +0.3° at New England to +4.8° at Crosby. Temperature departures at most stations exceeded 3.0° and, in general, the largest departures were over the northwestern counties.

Thunderstorms brought most of the rains during July. Light to locally heavy showers fell over parts of the State during the first few days, from the 12th to 19th, and from the 23d to 27th. Some of the heavy showers, especially on the 16th and 17th, were accompanied by hail and damaging winds. Monthly rainfall totals ranged from 0.66 inch at Selfridge 11 W and Willow City to 8.40 inches at Warwick. In general, the precipitation was lightest (and needed most) over the northern and northwestern sections. Most stations in those sections and scattered stations elsewhere received less than two inches of rain during July. Most stations over the southeastern fourth of the State received more than three inches. Several stations in central North Dakota received more than five inches. In general, the monthly precipitation totals were less than the long-term means over the southwestern, south central, and northern counties and exceeded the July averages over the central, south central, and southeast.

The warm temperatures during July promoted the rapid growth and maturity of crops. Topsoil moisture was becoming short in the northwest and central area at the beginning of month. Moisture was adequate ov the rest of the State and plentiful in the Red Riv Valley. Nineteen counties sustained light to hea hail damage during the first week of July.

The hot weather during the second week of July forc too rapid development of the small grains. Fl was hurt and some damage to barley resulted. T weather was favorable for corn, soybeans, and sug beets. Haying made rapid progress. Rain and low temperatures during the third week slowed the d velopment of small grains which was ahead of a ye ago. The high temperatures during the last we of July caused the cereal grains to ripen too fas In some cases, the plants dried instead of ripene Late seeded grains in the northern sections need rains. It was too late for rains to help the ear seeded grains. Grasshoppers continued to cause dama and control measures were being taken. Black st rust was noticed in a number of counties but w not expected to cause serious damage. At the e of July, oat and barley harvest was well underw over the southern two-thirds of the State, consi erable rye had been cut, and harvesting of hard whe was getting a good start in the southeastern countie

The hot weather benefited row crops which made e cellent progress. Soil moisture was short in mo northwest, north central, south central, and sout eastern counties. Elsewhere soil moisture was most adequate and ranged from plentiful to excessive Eddy, Wells, Ransom, and Cass Counties. Light moderate showers during the last few days of Ju relieved the dry conditions in the Valley City-Oak and Minot areas.

Lucius W. Dye
Climatologist
Weather Records Processing Cent
Kansas City, Missouri

STORMS

More than the usual number of storms occurred North Dakota during July 1957. Tornado funnels we observed on three days, but the only tornado dama reported occurred on the 16th. On that date a to nado at 8 p.m. damaged or destroyed several sma sheds in northern Burleigh County and another to nado occurred in Griggs County, near Walum, whe a house was badly damaged and several barns, garag and a granary were destroyed. Total property dama in the two tornadoes was quite light. On July a wind and hail storm covered an area about 150 mil long and two to seven miles wide in central and ea central North Dakota. Hailstones were one inch diameter and some crops were completely destroye roofs damaged, and many windows broken in Carringto Damage to property and crops was considerable. Wi and hail damage occurred on the 11th in Grand Fork Sheridan and Grant Counties, but damage was not gre considering the large area covered. An unusual large number of wind and hail storms occurred in a parts of the State on the 16th and 17th, with t greatest storm damage in the area from Dickinson Stark County, east-northeastward to Griggs Count A radar base was badly damaged at Dickinson. Ma farm buildings were damaged or destroyed and cro were ruined. Heaviest damage was in Foster and t surrounding counties. Only a small amount of wi or hail damage occurred after July 17th.

F. J. Bavendick
State Climatologist
U. S. Weather Bureau
Bismarck, North Dako

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00A CST	6:00A CST	12:00P CST	6:00P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	SSE	12	10.6	59	SW	6	74	86	50	42	6	9	2	1	0	0	18	71	4.0
DEVILS LAKE WB CITY	SW	-	7.2	31	E	16	-	86	56	52	4	5	6	0	0	0	15	74	4.4
FARGO WB AIRPORT	S	14	12.5	52	W	28	83	88	55	52	6	1	4	3	1	0	15	70	4.4
WILLISTON WB CITY	-	-	7.1	40	NW	4	-	76	41	36	3	4	3	1	0	0	11	83	4.7

CLIMATOLOGICAL DATA

ABLE 2

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		88.4	55.7	72.1		98	10	45	8	3	12	0	0	0	1.64		.75	15	.0	0		6	1	0
CROSBY		89.3	57.3	73.3	4.8	99	10+	47	3	3	14	0	0	0	1.27	- .86	.35	15	.0	0		3	0	0
FOXHOLM 7 N		91.2	57.0	74.1	4.5	102	10	47	29	1	19	0	0	0	1.22	- .76	.53	27	.0	0		4	1	0
GRENORA		87.1	59.0	73.1		99	10+	48	3	6	11	0	0	0	2.48		.69	15	.0	0		9	1	0
KENMARE	AM	87.3	56.8	72.1		100	11	48	8	1	12	0	0	0	1.16	- 1.09	.43	28	.0	0		5	0	0
LOSTWOOD 12 N																								
MINOT CAA AP		87.4	60.6	74.0		100	10	51	4	2	12	0	0	0	1.69		.89	27	.0	0		3	1	0
MINOT EXP STATION	AM	86.3	58.0	72.2		98	11	50	8+	2	9	0	0	0	1.93		.69	28	.0	0		5	1	0
MOHALL		89.3	56.2	72.8	3.7	99	10	48	8	2	16	0	0	0	1.01	- 1.54	.62	27	.0	0		4	1	0
NEWTOWN		87.3	60.0M	73.7M	4.3	95	10+	51	5	2	12	0	0	0	3.20	1.23	1.35	1	.0	0		6	1	1
PARSHALL		89.0	58.4M	73.7M		99	10	49	5	2	16	0	0	0	2.02	- .39	.63	15	.0	0		6	1	0
PORTAL	AM	87.0	55.8	71.4	3.2	100	11	46	8	9	12	0	0	0	2.41	.31	.55	21	.0	0		7	2	0
POWERS LAKE 1 N		86.7	54.5	70.6		99	10	43	3	12	11	0	0	0	1.53		.52	27	.0	0		6	1	0
STANLEY		87.5	57.5	72.5		100	10	49	4	3	12	0	0	0	2.21		.87	15	.0	0		5	2	0
TIOGA 1 E	AM	85.3	55.3	70.3		99	11	45	3+	16	9	0	0	0	1.68		.48	11	.0	0		7	0	0
WILLISTON WB CITY	R//	88.9	62.0	75.5	4.6	101	10	52	8	0	16	0	0	0	1.83	- .30	.74	16	.0	0		4	1	0
WILLISTON EXP FARM		88.7M	M	M		99	10+				15	0	0	0	1.98		.85	17	.0	0		3	2	0
DIVISION				72.8	3.8										1.83	- .32			.0					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		84.7	55.9	70.3		98	10	45	5+	9	5	0	0	0	2.96		.84	4	.0	0		6	3	0
BOTTINEAU	AM	87.6	58.1	72.9	4.0	101	11	46	3	4	12	0	0	0	1.21	- 1.34	.35	28	.0	0		5	0	0
DRAKE	AM	86.5	61.0	73.8	3.8	100	11	52	5+	2	13	0	0	0	3.76	1.13	1.73	28	.0	0		7	2	1
ECKMAN 2 SE	AM	88.7	57.6	73.2	4.5	100	11	50	5	0	15	0	0	0	1.86		1.20	27	.0	0		3	1	1
GRANVILLE		88.1M	59.5M	73.8M	3.8	100	10	52	8	2		0	0	0	2.09	- .33	.56	28	.0	0		7	1	0
LEEDS		87.5	57.6	72.6		102	10+	47	20+	0	10	0	0	0	1.59		.35	28	.0	0		6	0	0
MADOOCK AGR SCHOOL		87.7	59.1	73.4	3.8	104	10	50	3	0	11	0	0	0	5.56	2.77	3.42	16	.0	0		7	3	1
ROLLA		84.3	57.5	70.9		96	10	48	29	5	6	0	0	0	2.32		.65	4+	.0	0		6	2	0
RUGBY		89.0	60.5	74.8		102	10	50	5	0	15	0	0	0	2.06	- .59	.77	28	.0	0		5	1	0
SAN HAVEN		85.4	59.2	72.3	3.8	97	10	50	4	4	7	0	0	0	2.36	- .49	.60	28	.0	0		6	1	0
TOWNER		89.6	57.4	73.5	3.7	102	10	47	7	1	19	0	0	0	1.79	- .47	1.00	28	.0	0		5	1	1
UPHAM 3 N		90.2M	58.1M	74.2M		101	27	48	8	2		0	0	0	1.01		.37	4	.0	0		4	0	0
VELVA	AM	88.9	59.5	74.2	4.2	103	11	49	8	0	17	0	0	0	2.54	- .02	1.46	28	.0	0		6	1	1
WESTHOPE		87.8	57.3	72.6	3.4	100	10	47	3+	4	14	0	0	0	.84		.33	27	.0	0		2	0	0
WILLOW CITY		89.2	55.4	72.3	3.7	103	10	42	5	2	15	0	0	0	.66	- 1.82	.26	4	.0	0		2	0	0
DIVISION				73.0	3.9										2.17	- .35			.0					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		89.8	57.6	73.7		103	10	43	9	4	18	0	0	0	1.49		.71	17	.0	0		5	1	0
BISBEE		86.6	58.7	72.7		101	10	49	5	1	9	0	0	0	2.85		1.17	18	.0	0		6	2	1
CAVALIER		85.8	59.4	72.6		95	10	49	9	3	7	0	0	0	3.42		1.15	12	.0	0		7	3	1
DEVILS LAKE WB CITY	R//	85.7	60.2	73.0	3.7	100	10	51	5+	1	7	0	0	0	1.51	- 1.16	.35	3	.0	0		6	0	0
EDMORE 1 W		84.9	55.9	70.4		99	10	47	5+	8	6	0	0	0	5.25		4.12	16	.0	0		7	1	1
GRAFTON		86.7	57.3	72.0	1.1	95	10+	46	9	3	10	0	0	0	2.01	- 1.19	.42	12	.0	0		7	0	0
GRAND FORKS CAA AP	R	87.4	60.1	73.8		99	10	49	9	2	9	0	0	0	1.46		.73	17	.0	0		3	1	0
GRAND FORKS UNIVERSITY		86.8	59.5	73.2	2.5	96	10+	49	5+	0	7	0	0	0	2.20	- .76	1.44	17	.0	0		3	1	1
HANNAH		82.6	56.1	69.4		95	10	46	5+	13	4	0	0	0	4.17	1.47	2.12	12	.0	0		6	3	1
HANSBORO		85.5M	56.1M	70.8M	3.6	100	10	47	29	3	7	0	0	0	1.61	- .98	.48	4	.0	0		5	0	0
LANGOON EXP FARM		84.0	54.6	69.3	1.3	97	10	43	29	21	5	0	0	0	2.46	- .16	1.35	12	.0	0		3	2	1
LARIMORE		88.0	59.1	73.6	3.2	100	10	49	9	1	12	0	0	0	1.65	- .88	.90	17	.0	0		4	1	0
MC VILLE		86.1	58.0	72.1		101	10	48	5	3	6	0	0	0	3.44		1.57	17	.0	0		5	2	1
MUNICH 4 SW		83.8	55.8M	69.8M		97	10+	44	3+	14	3	0	0	0	3.56		1.43	12	.0	0		7	2	1
PARK RIVER		87.4	59.7	73.6	4.0	98	10+	51	9	0	10	0	0	0	2.36	- .53	1.32	12	.0	0		5	1	1
PEMBINA 2 N		83.6	59.0M	71.3M		92	26	44	5	5	2	0	0	0	7.95	5.03	2.98	6	.0	0		6	4	3
PETERSBURG		84.5	58.4	71.5		99	10	48	5	3	5	0	0	0	1.77	- .91	.73	17	.0	0		4	1	0
DIVISION				71.9	2.9										2.89	.08			.0					
WEST CENTRAL DIVISION																								
BEULAH	AM	88.2	60.2	74.2		98	11	51	5	2	17	0	0	0	2.78		1.17	4	.0	0		5	1	1
BUTTE	AM	86.8M	59.9M	73.4M		101	11	51	1			0	0	0	3.27		1.52	28	.0	0		7	2	1
CENTER		88.1	58.3	73.2		101	11	47	8	0	12	0	0	0	6.54		3.41	16	.0	0		7	5	1
DUNN CENTER 2 SW	AM	86.8	60.7	73.8	4.3	99	11	52	29	1	15	0	0	0	2.28	- .06	.60	2	.0	0		4	2	0
GARRISON	AM	86.9M	60.8M	73.9M	3.5	98	11	53	1+	2	13	0	0	0	2.81	.46			.0	0				
MAX	AM	85.7	59.6	72.7	3.0	99	11	50	5	4	10	0	0	0	4.20	1.54	1.92	28	.0	0		6	2	1
RAUB 10 SSW		89.9	62.2	76.1		99	12	55	8	0	17	0	0	0	2.92		.74	12	.0	0		6	2	0
RIVERDALE	AM	85.4	59.4	72.4		97	11	52	8	2	10	0	0	0	6.24		2.41	17	.0	0		6	5	1

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		87.6	59.5	73.6		100	10	50	8	1	14	0	0	0	4.88		1.19	17	.0	0		8	3	1
UNOERWOOO	AM	86.0	59.6	72.8		97	11	50	8	2	13	0	0	0	4.70		.95	28	.0	0		9	6	0
WASHBURN		89.1M	62.0M	75.6M	3.6	98	10+			0	18	0	0	0	4.48	2.13	1.50	4	.0	0		6	4	2
WATFORO CITY		90.0	59.4	74.7	3.3	101	10	51	4	2	20	0	0	0	2.25	- .11	.48	3+	.0	0		7	0	0
WATFORO CITY 14 S		91.5	55.7	73.6		100	11	46	19	4	22	0	0	0	3.28		1.01	4	.0	0		7	3	1
WILTON		88.2	58.9	73.6		100	11	50	3+	0	16	0	0	0	6.33		1.70	17	.0	0		7	6	3
OIVISION				73.8	3.7										4.07	1.69			.0					
CENTRAL OIVISION																								
CARRINGTON	AM	84.9	59.1	72.0	2.3	99	11+	52	5+	7	6	0	0	0	4.48	1.84	1.75	17	.0	0		6	3	2
FESSENOEN		88.4	59.8	74.1	3.9	102	10	50	5+	1	15	0	0	0	5.57	2.75	1.67	28	.0	0		8	3	3
JAMESTOWN CAA AP	R//	86.8	60.3	73.6		100	11	52	5	5	9	0	0	0	3.81		1.40	16	.0	0		8	2	2
JAMESTOWN STATE HOSP		88.3	61.9	75.1	3.3	102	11	51	5	0	11	0	0	0	3.54	.81	1.35	17	.0	0		6	2	2
KENSAL WILOLIFE REFUGE		89.1	60.0	74.6		100	11	51	5+	1	15	0	0	0	3.11		1.48	17	.0	0		5	2	1
MC CLUSKY		88.4	60.2	74.3	3.6	100	10+	51	4+	3	16	0	0	0	2.70	.56	.68	17	.0	0		7	1	0
MC HENRY 5 N		84.1	58.7	71.4		101	10	49	5+	5	4	0	0	0	5.37		2.69	17	.0	0		9	3	1
PETTIBONE		87.6	59.7	73.7	3.2	103	11	49	5	3	11	0	0	0	3.75	1.03	2.15	17	.0	0		7	2	1
STEELE		87.3	59.4	73.4	2.9	99	10+	47	5	1	11	0	0	0	5.80	3.29	3.38	17	.0	0		8	2	2
DIVISION				73.6	3.6										4.24	1.58			.0					
EAST CENTRAL OIVISION																								
AMENIA		85.8M	63.3M	74.6M		95	10+			0		0	0	0					.0	0				
COOPERSTOWN		85.6	59.8	72.7		100	10	52	8	3	8	0	0	0	4.99	2.48	2.60	17	.0	0		5	2	2
FARGO WB AP	R//	87.2	63.5	75.4	4.1	98	11	53	5	0	10	0	0	0	4.72	2.41	1.01	25	.0	0		8	4	1
HILLSBORO		86.0	63.2	74.6	3.0	98	10	56	8+	0	8	0	0	0	3.43	.43	1.60	14	.0	0		4	2	1
MAYVILLE		85.6	61.3	73.5	1.7	99	10	49	9	2	6	0	0	0	1.85	- .71	.97	17	.0	0		4	1	0
SHARON		85.0	59.4	72.2	2.1	97	10	49	5	2	4	0	0	0	1.68	- .98	1.35	17	.0	0		2	1	1
VALLEY CITY		87.0	62.5M	74.8M	3.1	98	10+	53	4	1	7	0	0	0	5.42	2.61	2.25	17	.0	0		7	4	1
OIVISION				74.0	2.8										3.68	1.01			.0					
SOUTHWEST OIVISION																								
AMIOON	AM	M	M	M								0	0	0	1.96		.57	2	.0	0		5	2	0
BEACH	AM	87.4	58.1	72.8		97	11+	50	4+	3	12	0	0	0	1.11		.37	4	.0	0		4	0	0
BELFIELO		85.7	57.7M	71.7M		96	10	49	5	3	9	0	0	0	2.73		.53	17	.0	0		11	1	0
BOWMAN COURT HOUSE		90.3M	57.4	73.9M	2.8	98	11+	49	8	1	17	0	0	0	1.82		.64	23	.0	0		5	1	0
DICKINSON CAA AP	R//	87.4	59.5	73.5		98	10	51	4	3	14	0	0	0	2.99		1.14	17	.0	0		8	2	1
DICKINSON EXP STATION	AM	87.0	58.9	73.0	3.2	95	11+	50	9	2	13	0	0	0	3.46	1.46	1.12	18	.0	0		10	2	1
FAIRFIELO		86.6	60.2	73.4		96	10	50	4	4	12	0	0	0	1.86		.65	15	.0	0		6	1	0
HETTINGER		86.9	60.4	73.7	1.7	97	10+	51	4+	3	13	0	0	0	1.42	- .56	.30	2	.0	0		8	0	0
MARMARTH	AM	89.4	57.2	73.3	1.2	101	11	46	9	7	13	0	0	0	2.05	.13	.71	23	.0	0		5	2	0
MEDORA 3 NNE		90.1	58.0	74.1		98	10+	49	5+	0	20	0	0	0	1.06		.51	2	.0	0		4	1	0
MOTT		87.5	58.1	72.8	1.0	100	11	50	5+	2	15	0	0	0	1.20	- .77	.35	1	.0	0		5	0	0
NEW ENGLAND		86.7	58.1	72.4	0.3	97	10	49	5	2	13	0	0	0	2.02	- .37	.71	23	.0	0		6	1	0
RICHARDTON ABBEY		88.0	60.0	74.0	3.2	97	10	51	4+	2	14	0	0	0	1.83	- .76	.57	18	.0	0		5	1	0
DIVISION				73.2	2.2										1.96	- .15			.0					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		88.2	61.9	75.1		98	11	53	4	1	17	0	0	0	2.10		.63	18	.0	0		5	2	0
BISMARCK WB AP	R//	89.2	61.3	75.3	3.2	101	11	52	5	0	19	0	0	0	1.58	- .75	.67	1	.0	0		3	1	0
CARSON NO 2	AM	87.0	61.4	74.2	2.5	99	12	50	8	3	15	0	0	0	2.25	.16	.94	12	.0	0		4	2	0
FORT YATES	AM	88.2M	61.1M	74.7M	1.6	101	12	52	8	2	17	0	0	0	1.49	- .52	.40	16	.0	0		4	0	0
LINTON		91.3	61.9	76.6	3.8	102	11	47	5	1	21	0	0	0	1.71	- .76	.40	19	.0	0		6	0	0
MANDAN EXP STATION	AM	87.6	60.7	74.2	2.4	101	12	51	5	4	17	0	0	0	1.94	- .39	1.16	2	.0	0		3	1	1
MANDAN FT LINCOLN PARK		90.4M	60.7M	75.6M		101	11	48	5	0	19	0	0	0	1.61		.88	2	.0	0		3	1	0
MOFFIT 4 SE		89.4	58.8	74.1		99	11	47	6	3	21	0	0	0	2.26		1.10	17	.0	0		4	2	1
NEW SALEM 1 S		86.7	60.1	73.4	2.3	98	11	52	2+	2	14	0	0	0	3.13	.92	.97	2	.0	0		8	2	0
OIVISION				74.8	2.9										2.01	- .25			.0					
SOUTHEAST DIVISION																								
ASHLEY		86.3	60.0	73.2	2.6	94	11+	50	5	6	10	0	0	0	1.70	- .95	.94	19	.0	0		5	1	0
EDGELEY EXP FARM	AM	85.7	60.3	73.0	2.0	97	11	52	8	6	9	0	0	0	3.84	1.27	.82	20	.0	0		8	3	0
ELLENOALE		89.4	62.3	75.9	4.0	98	28	53	5	0	14	0	0	0	2.62	- .22	.89	30	.0	0		5	2	0
ENOERLIN	AM	85.8	59.8	72.8		97	12	51	5	2	9	0	0	0	4.91		2.55	25	.0	0		8	2	1
FORMAN		87.6	63.0	75.3		97	11	52	5	0	9	0	0	0	2.22	- .91	.54	17	.0	0		6	1	0
FULLERTON		88.6	62.1	75.4	3.2	99	11	52	5	0	13	0	0	0	4.15	1.68	1.02	23	.0	0		6	3	1
GACKLE		88.0	59.9	74.0		99	10+	49	9	0	13	0	0	0	3.26		1.53	17	.0	0		6	2	1
GRANO RAPIDS 1 N		89.0	60.5	74.8		98	11	46	4	4	15	0	0	0	3.32		.84	30	.0	0		7	3	0
HANKINSON R R STATION	AM	85.2	63.2	74.2	1.7	96	12	52	6	0	9	0	0	0	2.31	- .15	.65	20	.0	0		6	3	0
LISBON		86.9	62.9	74.9	3.2	95	11+	51	5	0	8	0	0	0	3.37	.84	1.92	25	.0	0		5	2	1
MC LEOD 3 E		87.2M	62.7M	75.0M	3.0	96	11	53	5	0		0	0	0	3.43	.58	1.33	19	.0	0		6	2	1
NAPOLEON		89.0	61.7	75.4	4.6	98	10+	53	8+	1	20	0	0	0	3.14	.25	1.09	14	.0	0		6	2	1
OAKES	AM	85.4	63.4	74.4	2.4	97	12	52	5	2	6	0	0	0	4.13	1.64	1.08	25	.0	0		7	4	1
WAHPETON STATE SCHOOL		88.3	63.6	76.0	2.9	96	11+	53	5	0	14	0	0	0	2.37	- .67	.67	17	.0	0		7	1	0
WISHEK	AM	85.4M	56.6	71.0M	0.9	95	12	48	5+	13	9	0	0	0	2.03	- .73	.47	20	.0	0		8	0	0
DIVISION				74.4	2.8										3.12	.39			.0					

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
JULY 1957

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	3.43	.04		.78	.37	T							.08		.10			.40	.02	1.07						.35			.03		.19	
ADAMS 7 S	1.99				.37					.13		.08					.78		.22	.07									.34			
ALEXANDER	1.22			.25	.11					.04						.50	.02	.24													.05	.01
ALMONT 7 SW	2.10		.60	.10											.21	.36	.07		.63			.01			.07						.05	
AMBROSE 3 N	3.12		.30	.29												.35		.04				.53	.13	1.08				.17			.23	
AMENIA	-	-	-	-	-	-	-								.97			1.07	.03	.13						1.93			.75		.02	
AMIDON	1.96		.57	.06									.53		.03	T	.08	.02						.26					.27		.12	
ARVILLA STATE PARK	1.49				.23					.11							.11	.71		.01									.32			
ASHLEY	1.70	.04	.11	.15	.05								.01			.01		.01		.94	.01				.02	T				.16	.19	
BALTA	3.19		.02	T	.37											.44	.31	.16	.35						.53				.98		.03	
BANTRY	1.20				.22	.29										.05			.14	.09									.41			
BEACH	1.11		.11	.01	.37			T							T		.07	.27	.01					.04							.14	.09
BELCOURT INDIAN RES	2.96		.02		.84					.01		.58	.21			.08	.54		.07						.49			.12				
BELFIELD	2.73	.28	.12	.20									T	T		.12	.22	.53	.32					.18				.22		.26		.28
BERTHOLD	2.55		.06	.20	.08								T			.77		.26										1.10			.08	
BEULAH	2.78		.40		1.17	.01									T	.41	.01	.25	.42	.05									.04		.02	T
BISBEE	2.85				.19					.02			.87			T	.21	.02	1.17						.14			.23				
BISMARCK WB AP R//	1.58	.67	.08	.01	T		.40	T				.03	T	.05		.01	.02	T	.23	T					.03					T	.01	.04
BISMARCK 12 ENE	2.95		.73		.01			.01					.15	.55		.79		.29	.01	T					.39	.02						
BOTTINEAU	1.21			T	.20	.17				.02		.12					.05	.09	.08			.13			T				.35		T	
BOWBELLS	2.64		.03	T	.22								.03			.75	T	.11			.04		T		.12			.18			.14	
BOWMAN COURT HOUSE	1.82	7	.43	.36				.02			T			.04					.23					.64						.10		
BOWMAN 9 SE	2.25		.80	.26		T								.98				T	.21													
BOWMAN 30 NNW	2.16		.43						.22			.07		.25				.34							.10			.46			.29	
BURT 16 N	1.51		.90	.10										.09					.39	.03				T						T	T	
BUTTE	3.27		.10	.30	.33							.05				.06		.26	.52	T					T	.13			1.52			
CARRINGTON	4.48	T	.06	.58	.25					.03			.11				.01	1.75		.05	.04				.07	.02			1.32		.19	
CARSON NO 2	2.25		.68	.18				.08					.94						.09	.09						.14					.05	
CAVALIER	3.42	.17	T		.83	.05		.34		.03		.01	1.15	.56			.03	.11	.14												T	
CENTER	6.54		.60	.71		T		.06					.10	.10		.60	3.41	.84	.07													.05
COLGATE	5.56	.41		.93	.23	.25												1.12			.18				.05	.15			2.20		.04	
COLUMBUS	2.54		.03		.31							.19				.15	.04	.09				.25	.48		.31				.32		.35	
COOPERSTOWN	4.99	T		.23	.29								.08					2.60		.11					T				1.62		.06	
COURTENAY	-	.15			-								.32					-		.32					.06				.72		.22	
CROSBY	1.27		.04	.09	.15								T			.35						.07	.05	.07	.02			.30	.06		.02	.05
DEVILS LAKE WB CITY R//	1.51	T	T	.35	.03		T			.01						.16	.23	.03	.22	T					.06			.14	.08		.20	
DICKINSON CAA AP R//	2.99	.12	T	.70	T			.02				.02	T		T	.15	.18	1.14	.18				T	.10	.06			.07		.17		.08
DICKINSON EXP STATION	3.46	T	.97		.25	.10		T						T		.01	.19	.15	1.12					.16	.10				.11		.25	.05
DONNYBROOK	1.35		.04	.10	.10							.07				.12		.26										.66				
DRAKE	3.76		.16	.02	.37							T				.12		.28	.50	.04					.44	.06			1.73		.04	
DUNN CENTER 2 SW	2.28		.60		.04											.40	.06	.58	.02						.02				.06		.42	.08
ECKMAN 2 SE	1.86		T	.06	.36											.07	T	.17										1.20				
EDGELEY EXP FARM	3.84	.03	.09		.18				T								.31	.61		.47	.82				.17	.45					.70	.01
EDMORE 1 W	5.25		T		.33		7			.21			T				4.12	.15	.15						.02				.17		.10	
ELGIN 5 S	1.19		.32	.10	T			T				.53	T				T		.10	7					.14							
ELLENDALE	2.62		.08	.09	.07	T							T			T		.04		.11					.13	.43				.78	.89	
ENDERLIN	4.91	.20		.18	.05						T		.06		T			.53		.05	.20					2.55			.36	.37	.36	T
EPPING	1.46		.14	.31	.16								.02			.31	.02	.22					.10				.03	.15		T	T	T
FAIRFIELD	1.86	T	.28	.11	.13											.65	.08	.04	.01					T				.09		.20	.02	.25
FARGO WB AP R//	4.72		T	.33	T	T				7			T		.83		.95	.26	T	.43					.59	1.01			.29		.03	
FESSENDEN	5.57		.44	.07	.10								1.20	.10				1.58	.22						.18				1.67			.01
FLASHER	1.43	.07	.78	.07													.09	.14	.28													
FLAXTON	1.71		.04	.13	.08		T					T	.31	T		.15		T				.32	.01		.10			.45			.12	
FORBES 13 NW	2.93		.10	.09	.06											.50				1.04					.31						.83	
FORMAN	2.22	.05			.12	T												.54		.37			.04		.06	.34				.28	.42	
FORT YATES	1.49	.03	.34	.39	T						T		T				.40	T	T	.05			.06								.22	
FOXHOLM 7 N	1.22		T		.28							.06					.25		T									.53	.10		T	
FULLERTON	4.15			.06												.48		.22		.92				1.02						.47	.98	
GACKLE	3.26		.12	.02									.08					1.53		.38			.72		.22					.02	.17	
GARRISON	2.81		.33		.74					T			7			•	*	*	1.08							T			.34		.30	
GLEN ULLIN 13 N	3.35		1.62	.15									.40	.40	.32		.30		.16							T						
GOLDEN VALLEY 10 S	2.48		.44	.58										.17	T	.60		T	.23									T	.24		.10	.12
GRAFTON	2.01				.41					.12			.42				.08	.33	.25	.25	T				T				.15			
GRAND FORKS CAA AP R	1.46	.01		.05	.06					.01		T				T	.40	.73	.01	.02					.01				.16			
GRAND FORKS UNIVERSITY	2.20	.02			.16		T			.03			T				.03	1.44	.02	.06	.02					T			.42			
GRAND RAPIDS 1 N	3.32	.06	.10	T	.18	.02							.03	T				.82	T	.60	.03		.26	T	.34	.02				T	.84	
GRANVILLE	2.09		.10	.23	.33							.02				.13		.19	.08									.45	.56			
GRASSY BUTTE 10 N	3.80		.40		1.60										.80		.60							7					.30		.10	
GRENORA	2.48	.35	.11	.10	.18											.69		.06					.35		.22			.26			.16	
HAGUE	3.71	.12	.42	.13	T					T			.08					.15		.52		.29	T		.23	.01			.49	.01	1.26	
HALLIDAY	4.72			.04									1.70		.55		.88	1.14	.08									.15			.18	
HANKINSON R R STATION	2.31	T			.09					T	.12							.57	.02		.65					.55					.16	.15
HANNAH	4.17	.06	T		.78		.05			.09		.15	2.12				.11	T	.64			.04			.13				T			
HANSBORO	1.61			.03	.48							.03	.09			.33		.36	.12						.13				.04			
HARVEY	4.73		.14		.63								.26				.02	.40	.62						.46				2.20			
HETTINGER	1.42		.30	.22				.05				.15			.03				.15	.02					.18			.10	.12	.10		
HILLSBORO	3.43	.06			.30	T				7					1.60			.90		.07					T	.41			.09			
JAMESTOWN CAA AP R//	3.81	.19	.05	1.34				T				7	.13				1.40	.17		.25					.11						.17	
JAMESTOWN STATE HOSP	3.54	.14	.10		1.25													1.35		.25				.08					.01		.36	
KEENE 2 S	2.44		.33	.34	.21								.10		.84		.27						T		.05			.22			.08	
KENMARE	1.16		.06		.14											.26		.17											.43		.10	
KENSAL WILDLIFE REFUGE	3.11		.08		.63			T		.05			.13			.01		1.48		.06					.07				.34		.26	
KILLDEER 8 NW	3.27		.60	.13												.95	1.01	.25										.13		.15		.05
KULM	3.07	.12	.13	.05	.10											.96		.27		.52	T				.14						.78	
LANGDON EXP FARM	2.46	.04	.01		.70		.04			T			1.35				.17	.03	.09												.03	
LANSFORD	1.26		.17	.14	.09						T				.07		.42	.04										.33				
LARIMORE	1.65				.19	.05				.02			T				.12	.90	.05	.07	T								.25			
LEEDS	1.59				.32												.05	.15	.34						.15				.35		.23	
LEFOR 10 E	2.27		.36	.03	.02									1.26			.12	.15	.19	T				T	T							.12
LINTON	1.71	.34	.36	.14	T			T					T			.05	.03		.01	.40		.21			.04						.12	.01
LISBON	3.37	.10		.05	.05													.37		.55						1.92					.33	
LITCHVILLE	2.91	.63	.04		.08								.04					1.01		.70					.06	.17			T		.18	
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MADDOCK AGR SCHOOL	5.56		T	T	.67					.01							3.42	.17	.38						.17				.64		.10	
MANDAN EXP STATION	1.94		1.16			T		.03	T				.09		.13	.02	T	.05	.30	.09						.05					.02	T
MANDAN FT LINCOLN PARK	1.61		.88	T	T			.23					.05		T	T		T	.42						.03							
MARMARTH	2.05		.07	.10	.15					.07				.24	.03			T	.08					.71							.60	
MARTIN	3.28		.30			.04				.17						.07	.10	.56	.12	.17									1.75			
MAX	4.20		.37	.03	.42								.02			.68		.30	.07	.03									1.92		.36	
MAYVILLE	1.85			.21						.03			.01		.25			.97	.05	.07	T				.03	.20			.03			
MC CLUSKY	2.70		.19		.42								.39			.06		.68	.36						.12				.48			
MC HENRY 5 N	5.37	.39	.10		.24					7		.13	.40		.17		.55	2.69		.03					.02				.64		.01	
MC LEOD 3 E	3.43	.06		.02	.42								.02		.58			.25		1.33						.30			.07		.38	
MC VILLE	3.44	.08	.02		.30	.02							T		.45		.80	1.57	T	.02									.18			
MEDINA	3.60	.04	.20	.83	.05								.15	.03		.12	1.67			.19					.12						.18	
MEDORA 3 NNE	1.06		.51	.15												.09	.05	.13	.03					T						.10		
MEDORA 23 NNW	1.64		.52			.40										.05		.23											.32		T	.12
MINOT CAA AP	1.69		T	.33	.03		T			T	T	T				.09	T	.27	T						.07			.89		T	.01	
MINOT EXP STATION	1.93		.16	.08	.38					T		.05	T			.22		.26	.06	T									.69		.03	
MOFFIT 4 SE	2.26		.63	.01		.01		T					.03			.32	T	1.10	.01	.05					.10	T						T
MOHALL	1.01		.04	T	.13											.10		.10					T		T			.62			.02	
MONTPELIER	2.23	.05	.07		.01	.01					.05		.07		T	T		.85		.43					.32	.07				T	.30	
MOTT	1.20	.35	.20	T			T	T				T		.12			.20	.08	.18	T					.07					T		
MUNICH 4 SW	3.56		T		.37		T			.19		.01	1.43			.18	.83	.05	.23						.15					.09	.03	
NAPOLEON	3.14		.30	.03									.08		1.09	.88		.17		.34					.02						.23	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
JULY 1937

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	2.02		.32	.10				T						.38					.22					.71				.09		.20		
NEW ROCKFORD 7 WNW	6.91				.58					.02		.13	.17		.17	.15		1.37	.07	.04					.18				3.84		.19	
NEW SALEM 1 S	3.13		.97	.01				T				.41	.04	.13	T	.40	.20	.50	.20					T	.23							
NEWTOWN	3.20	1.35	.43	.23	.02						T		.17			.38		.08										.43			.07	
NOONAN	2.38			.14	.22											.22		.08				.10		.93				.33			.36	
NORTONVILLE	4.16	.36	.06									.22						.46		.89			.64		.13						1.20	
OAKES	4.13		.06	.02	.17	.03							T					.97		.18	.27					1.08				.63	.66	.04
PARK RIVER	2.36				.28					.03			1.32				.06	.24	.17	T					T							.26
PARSHALL	2.02	.13	.33	.18	.07								.03			.63		.17										.38			.08	
PEMBINA 2 N	7.93				.89		2.98						2.36					.11	.41							1.20						
PETERSBURG	1.77	.01	T		.31					.04			.10				.02	.73	.09	.02					.03				.37		.03	
PETTIBONE	3.73		.34		.30			.04					.13	.11		.07		2.13	.03	.12					.21				.03			
PINGREE	3.65		.18		.91			T		T			.10			T		1.21		.10					.15				.67		.33	
PORTAL	2.41		.06	T	.23							.07	T	.11		.08		.04				.35		.30	.19				.24		.52	
POWERS LAKE 1 N	1.33	.19		.13	.07						T		.07			.17		.21			T							.32			.17	
PRETTY ROCK	1.30	.04	.40	.36	.04			.03					.20					.23	.03	T					.12						.03	
RAUB 10 SSW	2.92		.36	.60									.74			.43	.06										.43				.24	.04
REEDER	2.17	.02	.41	.19			.04	T				.01		.20	.16			.34	.20				.30		.04			.03		.13	.08	
REEDER 14 N	1.72	.08	.27	.15					.02					.18	.04		.06		.22					.70					T		T	
RICHARDTON ABBEY	1.83		.18	.10	T			.01				T	T	.46	.06	.20	.09		.37	T				.03	T			T	T		.08	.03
RIVERDALE	6.24		.30		.09								.02		.96	.89	T	2.41	.60	T					T				.97		T	T
ROLLA	2.32				.63					.02		.26	.12			.19		.65	.09						.23			T	.09			
RUGBY	2.06		T		.23					.02								.33	.31						.36				.77			
RYDER	2.62		.72	.49	.13											.39		.29	.05									.43			.08	
SAN HAVEN	2.36		.02		.43		T					.06	.13					.49				.40			.19	T			.60			
SCRANTON	2.79	.54		.23				.01	.01					.43	T			.18	.28					.80	T			.13		.16	T	
SELFRIDGE 11 W	.66	.32	.20	.06									.02						.02	.02								.02				
SENTINEL BUTTE 20 S	2.79			T					T								.61	.71						1.18						.29		
SHARON	1.68	.08	.01			.09							.03					1.33							T				.10			
SHERWOOD 3 N	1.08	T			.12		.03					.32		T		.07	T					.23	T					.31				
SHIELDS	.97		.43	.24			.02						.15						.10	T					T					.03		
STANLEY	2.21	.03	.04	.22	.10							.06				.87		.31								.03		.23			.08	
STEELE	3.80		.23		.06			.11					.16		.18	1.18		3.38	T	.13	T				.37							
SYKESTON	-	T	T	.22	.33								.71	-	-	-	-	-	-	-	-	-	-		.03					.37	.03	
TAGUS	1.33	.03		.25	.06						.02	.01	.12			.37		.23										.18			.04	
TIOGA 1 E	1.68		.10		.22							.48		.03		.37		.20											.17		.11	
TOLLEY	1.00		T	.02	.03						T					.24		.18				.02						.47			.02	
TOWNER	1.79		.06	.13	.16													.27	.13										1.00		.04	
TROTTERS 6 SE	.91			.02		.10				.13				T		T	.30	T					T					.16	T			
TURTLE LAKE	4.88		.29	T	.43								.32			.48	T	1.19	.91						.41				.79		.04	
TUTTLE	5.68		.23		.60								.10	1.30	.17	.07		2.63	.10	.01					.03				.18			
UNDERWOOD	4.70	.10	.37		.69								.10			.30		.73	.66	.02					.38				.93		T	
UPHAM 3 N	1.01				.37								.08			T		.11	.13			T							.32			
VALLEY CITY	3.42			.73		.01				T			.11					2.23		.43					T	.28			.72		.87	
VELVA	2.34		.12	T	.28	T						.22	T			.03		.17	.13	.03									1.46		.06	
VERONA	4.13	.03	.04		.02								.01					.38		.66						1.23			.14	.91	.47	
WAHPETON STATE SCHOOL	2.37			.20	.20	.02										.01		.67		.43	.03					.33			.13		.31	
WALHALLA	2.34				.33		.03					.05	1.30	.40				.06	.13													
WARWICK	8.40	.13	T	.41	T		T					.75	.49				1.64	2.67	.09					T	.08				2.04		.08	
WASHBURN	4.48		.50		1.30								.40			.23		1.23	.60													
WATAUGA S DAK 8 N	.68		.33					T				.33																			T	
WATFORD CITY	2.25	.20		.48	.24											.33		.37							.48					.10		.03
WATFORD CITY 14 S	3.28		.27	.97	1.01								T			.32	.02	.13										.20			.16	T
WESTHOPE	.84			.04	.07												.09					.06			.23			.33			.02	
WILDROSE	2.40		.12	.22	.26						.13					.54		.18					.11		.20			.48			.16	
WILLISTON WB CITY R//	1.83	.02		.09	.02										.19	.28	.74	T			T		.46					T		.03		
WILLISTON EXP FARM	1.98		.06	.10	.07											.78	.04	.83						.06				.02				
WILLOW CITY	.66	.08	.02	T	.26					.03								.06	.07						T			.04	.10			
WILTON	6.33		.38	.52				T					1.10		1.20	.75		1.70	.68													
WISHEK	2.03	.02	.12	.07	.20								.14			.12		.03		.17	.47					.23				.03	.39	
WOODWORTH 3 E	3.20	.30			.80	T							.10				1.60	T	.23						.13						T	
ZAHL	1.90	.18		.18	.19											.78	.02	.17					.18					.17		T	.03	

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1957

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	89	86	79	74	84	93	84	85	91	95	98	93	94	89	91	92	94	85	73	83	83	90	90	80	94	90	93	85	91	92	95	88.2
	MIN	60	60	60	53	56	59	63	54	60	67	68	63	63	64	63	65	65	62	61	60	63	61	68	67	59	60	65	66	56	63	65	61.9
AMENIA	MAX						89	89	80	81	95	95	86	91	86	83	86	83	84	77	81	85	84	85	85	85	85	87	92	83	85	89	85.8
	MIN						68	68	56	55	63	65	69	69	66	63	66	65	65	60	59	59	57	59	64	64	62	62	74	59	64	65	63.3
AMIDON	MAX																																
	MIN																																
ARVILLA STATE PARK	MAX	90	91	87	86	86	92	90	86	82	103	98	94	93	90	85	87	90	86	73	88	86	91	89	89	92	94	91	94	92	93	97	89.8
	MIN	56	62	57	52	50	52	61	52	43	59	69	62	58	59	60	61	64	68	52	52	52	52	50	64	59	64	67	62	49	59	59	57.6
ASHLEY	MAX	88	85	81	72	84	90	84	85	88	92	94	91	91	89	88	93	94	82	66	85	80	86	88	76	88	88	90	94	86	88	90	86.3
	MIN	62	63	62	53	50	57	65	51	58	62	67	68	55	54	68	65	62	66	56	53	56	59	61	65	52	61	63	65	59	64	58	60.0
BEACH	MAX	85	88	82	80	75	85	94	81	85	92	97	94	97	86	88	84	94	91	78	76	86	87	92	90	86	91	93	91	85	87	88	87.4
	MIN	55	56	53	50	51	57	57	57	57	58	56	59	63	63	60	61	62	60	50	57	55	60	63	65	53	63	66	59	57	54	63	58.1
BELCOURT INDIAN RES	MAX	87	86	79	72	81	88	82	76	86	98	92	85	82	86	88	87	88	85	79	84	82	78	88	81	83	90	90	80	84	88	92	84.7
	MIN	58	61	46	52	45	49	54	49	54	55	61	60	63	59	56	66	64	56	55	52	52	56	59	62	57	60	55	61	45	61	51	55.9
BELFIELD	MAX	88	84	79	73	83	93	80	84	91	96	93	94	84	88	84	92	90	74	72	85	83	88	88	91	87	82	85	82	85	86	92	85.7
	MIN	64	56	56	51	49	56	63	52	51		56	60	64	61	60	59	59	60	59	58	56	58	62	59	61	60	59	57	61	51	53	57.7
BEULAH	MAX	84	92	86	83	75	85	94	81	82	93	98	96	95	91	92	87	94	93	75	75	84	84	90	93	85	92	93	95	85	90	91	88.2
	MIN	59	59	60	52	51	55	62	52	58	59	62	62	65	66	60	62	63	64	60	57	58	61	65	69	55	61	65	63	58	63	61	60.2
BISBEE	MAX	91	96	82	73	84	91	85	79	85	101	98	91	83	89	88	86	88	80	78	84	80	88	87	86	86	92	88	82	83	90	92	86.6
	MIN	56	62	56	54	49	55	58	50	52	59	67	62	65	56	67	61	65	65	57	59	52	58	63	65	57	56	59	61	53	63	58	58.7
BISMARCK WB AP	MAX	92	86	83	76	86	95	82	83	93	99	101	93	92	93	92	97	95	77	71	84	85	90	93	78	94	92	95	87	92	93	97	89.2
	MIN	62	61	64	56	52	55	61	54	60	63	68	67	66	66	64	65	68	64	58	53	60	62	67	62	53	61	64	66	57	65	56	61.3
BOTTINEAU	MAX	79	87	83	80	74	84	91	82	80	88	101	97	95	85	93	91	94	93	84	84	85	80	84	92	89	89	95	94	83	88	92	87.6
	MIN	59	55	46	52	47	51	57	48	55	63	67	60	65	61	66	62	63	62	52	53	56	55	63	64	63	61	63	69	47	63	53	58.1
BOWBELLS	MAX	88	87	79	81	83	92	88	81	96	98	91	94	93	90	88	89	88	87	84	85	82	83	93	89	90	94	95	80	87	89	96	88.4
	MIN	51	55	48	50	50	53	55	45	55	61	61	54	60	58	60	57	62	51	48	55	55	55	60	63	55	54	65	60	49	60	63	55.7
BOWMAN COURT HOUSE	MAX	87	87	80	77	82	94	92		92	97	98	98	97	87	85	93	94	80	74	83	85	97	92	97	98	98	98	85	98		93	90.3
	MIN	58	55	54	50	50	56	60	49	60	62	60	62	63	60	58	64	62	57	56	54	55	56	55	61	59	57	61	58	54	55	58	57.4
BUTTE	MAX	83	89	81	81	72		91		81	91	101	96	94			89	94	90	73			82	86	92	79	88		93		84	87	86.8
	MIN	51	61	54	53	54			54	60	67	69	60			60	64	64	62	59			54	66	67	60	63			53	64	59	59.9
CARRINGTON	MAX	77	88	88	81	72	83	93	82	80	86	99	99	88	92	90	88	90	87	74	71	80	79	83	89	74	87	89	88	85	82	87	84.9
	MIN	60	62	58	54	52	53	62	54	54	59	67	65	63	60	67	64	61	66	55	52	56	52	59	64	54	63	60	63	54	62	56	59.1
CARSON NO 2	MAX	81	89	85	83	72	83	91	80	85	91	95	99	92	90	88	90	93	95	76	68	83	87	89	90	78	92	90	92	87	90	92	87.0
	MIN	55	64	62	58	61	61	62	50	58	63	63	66	61	63	63	66	64	64	60	55	63	60	64	69	55	65	64	65	58	58	64	61.4
CAVALIER	MAX	86	86	83	79	84	80	84	84	75	95	94	89	87	83	86	87	87	85	76	85	78	82	87	85	86	94	93	90	89	90	92	85.8
	MIN	54	67	58	55	53	53	59	57	49	57	68	62	65	57	63	67	65	65	60	54	57	54	54	65	64	57	60	67	54	62	60	59.4
CENTER	MAX	92	85	81	74	83	93	88	82	89	98	101	94	94	90	89	92	94	87	75	80	82	88	89	80	89	91	91	88	88	89	95	88.1
	MIN	58	59	58	60	50	51	64	47	60	70	63	62	60	60	61	58	63	62	60	50	59	58	65	56	56	55	60	51	61	60	50	58.3
COOPERSTOWN	MAX	87	88	82	77	84	92	86	82	81	100	97	90	92	90	85	88	85	81	68	80	79	81	86	82	88	90	87	88	82	86	90	85.6
	MIN	60	62	57	54	58	54	67	52	53	63	68	65	62	64	66	66	60	66	56	53	53	53	60	65	65	58	58	62	54	62	59	59.8
CROSBY	MAX	88	87	79	76	85	92	88	83	96	99	98	97	94	94	85	85	87	83	86	89	85	88	94	91	91	97	95	81	90	87	99	89.3
	MIN	52	54	47	51	51	55	58	48	56	63	58	59	59	68	60	56	63	56	49	57	56	56	64	60	57	65	65	61	52	58	61	57.3
DEVILS LAKE WB CITY	MAX	89	88	82	72	83	92	83	78	82	100	97	89	87	90	88	89	89	76	73	81	77	83	89	78	88	93	89	86	85	90	92	85.7
	MIN	60	62	58	55	51	60	59	52	54	63	71	64	67	62	70	65	66	62	57	51	60	53	59	66	58	63	63	62	53	62	58	60.2
DICKINSON CAA AP	MAX	89	84	79	73	82	94	78	84	92	98	96	96	85	90	88	94	95	75	73	84	83	90	92	82	91	91	94	85	89	89	93	87.4
	MIN	59	60	54	51	54	58	57	55	57	63	62	60	64	62	60	62	62	61	60	57	59	61	63	63	60	58	65	59	59	58	62	59.5
DICKINSON EXP STATION	MAX	83	85	88	80	73	82	94	76	88	90	95	95	94	85	87	80	92	92	77	73	83	92	89	90	92	89	90	93	94	89	87	87.0
	MIN	57	60	56	52	53	54	64	53	50	62	58	55	63	66	61	60	60	61	58	58	59	61	63	65	57	59	65	60	55	60	61	58.9
DRAKE	MAX	81	90	86	81	73	84	90	81	82	89	100	97	95	92	92	90	94	90	76	79	81	81	85	90	80	87	90	91	83	84	88	86.5
	MIN	59	61	57	54	52	58	66	52	58	65	68	63	65	61	66	68	64	64	62	56	61	61	55	66	60	63	65	62	57	62	61	61.0
DUNN CENTER 2 SW	MAX	84	89	81	80	72	82	93	78	81	92	99	92	96	90	90	85	90	90	77	75	84	82	91	95	85	91	93	95	81	90	88	86.8
	MIN	62	59	57	54	55	66	66	53	57	66	63	64	65	62	60	64	60	62	58	57	62	59	70	70	57	57	60	61	52	61	62	60.7
ECKMAN 2 SE	MAX	79	90	84	82	80	85	92	89	82	91	100	96	94	88	94	91	93	91	84	83	85	85	93	87	89	95	96	83	85	90	93	88.7
	MIN	58	59	51	54	50	52	54	53	55	60	65	61	64	60	65	64	63	63	52	53	53	58	56	52	61	65	60	51	51	60	63	57.6
EDGELEY EXP FARM	MAX	79	87	86	81	74	85	92	87	85	89	97	96	91	91	91	86	90	92	81	64	79	84	82	89	75	86	86	88	94	84	87	85.7
	MIN	61	63	62	55	53	54	66	52	55	61	62	68	59	63	67	66	61	68	57	55	59	59	58	60	60	62	59	64	57	62	62	60.3
EDMORE 1 W	MAX	87	85	81	75	83	92	84	77	80	99	95	88	84	91	87	88	88	80	72	82	72	81	86	81	86	91	87	85	84	89	91	84.9
	MIN	56	59	50	53	47	51	55	49	47	57	66	61	60	56	65	60	63	61	57	54	49	49	56	64	56	56	57	61	47	60	52	55.9
ELLENDALE	MAX	85	89	85	79	87	91	87	88	88	94	96	94	94	93	87	95	97	95	79	81	87	89	92	86	88	90	91	98	88	86	91	89.4
	MIN	62	64	63	58	53	55	68	56	58	59	62	69	62	65	67	66	67	67	59	57	61	60	60	66	62	62	60	70	61	65	66	62.3
ENDERLIN	MAX	80	88	90	83	75	86	92	90	83	85	93	97	87	93	88	83	80	82	82	72	80	86	87	86	85	85	90	86	91	91	85	85.8
	MIN	59	66	62	52	51	54	65	53	53	58	62	65	58	66	63	65	62	69	60	57	55	55	55	62	63	57	62	63	58	62	62	59.8
FAIRFIELD	MAX	87	80	78	72	80	93	87	80	91	96	93	94	84	87	82	91	89	77	75	85	83	90	91	85	92	91	95	89	88	87	92	86.6
	MIN	56	59	55	50	54	59	60	55	56	67	68	62	66	61	55	64	62	59	56	56	57	61	68	68	69	63	67	62	53	59	60	60.2
FARGO WB AP	MAX	90	88	83	73	86	92	90	80	83	97	98	90	95	87	83	85	88	89	76	80	87	88	87	86	85	88	90	93	85	89	92	87.2
	MIN	65	69	62	57	53	58	69	57	57	67	69	70	66	64	64	65	65	64	62	60	61	57	65	66	64	65	65	67	62	66	66	63.5
FESSENDEN	MAX	94	90	83	74	86	92	86	84	88	102	100	98	89	91	90	92	90	87	73	81	90	84	88	85	88	90	90	86	85	91	92	88.4
	MIN	59	58	57	54	50	54	68	50	54	65	67	65	64	60	65	68	70	63	61	51	55	54	60	65	55	60	60	64	58	64	57	59.8
FORMAN	MAX	89	89	87	77	86	92	88	85	90	94	97	93	94	91	87	88	85	88	73	81	87	86	87	84	84	86	89	95	86	85	92	87.6
	MIN	59	68	65	58	52	56	71	55	58	65	67	71	64	65	65	68	63	65	59	61	62	55	58	64	66	60	69	69	61	69	66	63.0
FORT YATES	MAX	82	91	88	81	76	92	90	85	87	93	96	101	95	91	90	91	93	92	80	71	82	87	88		83	89			94	88	93	88.2
	MIN	64	59	61	56	62	56	61	52	56	61	68	71	61	64	69	64	64	67	57	54		61	63		54	61			56	67	60	61.1
FOXHOLM 7 N	MAX	88	89	81	75	83	92	89	84	94	102	99	98	91	95	93	95	91	91	86	87	87	90	95	93	92	96	98	98	89	88	97	91.2
	MIN	53	61	52	52	55	49	60	49	53	59	60	62	63	57	64	56	62	62	53	54	55	52	61	63	62	55	63	59	47	60	54	57.0
FULLERTON	MAX	89	89	87	77	86	93	87	94	91	97	99	95	96	92	92	91	93	85	75	81	81	94	85	88	87	84	88	88	84	87	91	88.6
	MIN	63	64	63	57	52	54	69	56	54	54	63	68	60	64	64	66	62	68	57	57	68	61	61	68	66	59	69	72	58	64	63	62.1
GACKLE	MAX	90	85	86	76	87	94	87	86	93	99	99	92	94	92	92	90	86	82	72	90	85	83	87	84	87	87	88	90	87	88	90	88.0
	MIN	64	61	62	56	58	54	61	54	49	58	69	68	64	62	67	62	61	66	58	55	59	54	54	57	56	63	64	64	56	62	60	59.9

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	84	89	85	82	73	83	92	87	82	90	98	96	94							75	82	84	87	91	87	90	92	92	82	87	88	86.
	MIN	53	60	55	55	53	58	65	55	58	65	68	68	62							55	60	58	68	67	67	65	68	61	58	60	58	60.
GRAFTON	MAX	85	91	87	83	85	87	85	85	77	95	95	92	86	85	85	86	87	86	72	82	80	82	86	86	87	93	92	92	90	90	95	86.
	MIN	55	66	53	53	49	51	60	54	46	58	67	62	62	55	60	65	63	65	57	53	55	51	54	62	58	58	56	61	49	60	58	57.
GRAND FORKS CAA AP	MAX	89	91	84	74	86	91	88	78	81	99	97	87	88	89	87	89	88	81	75	86	83	89	87	86	90	90	89	93	86	91	96	87.
	MIN	60	65	59	51	51	54	65	51	49	64	69	66	63	63	61	67	65	62	58	53	59	53	60	65	64	64	64	64	53	63	59	60.
GRAND FORKS UNIVERSITY	MAX	86	91	84	78	86	92	88	81	81	96	96	89	88	88	85	88	87	83	75	82	82	84	86	85	88	90	88	95	86	89	93	86.
	MIN	59	67	57	55	49	54	64	51	49	64	70	65	62	62	60	66	63	70	56	51	58	52	58	63	62	62	61	63	52	61	58	59.
GRAND RAPIDS 1 N	MAX	89	89	85	76	85	93	88	86	90	97	98	95	95	94	89	91	90	87	77	81	86	85	91	85	89	90	90	97	88	90	93	89.
	MIN	57	63	64	46	49	52	68	51	56	61	65	67	56	65	66	66	63	71	58	57	58	57	58	63	66	63	59	67	58	63	61	60.
GRANVILLE	MAX	87	85	81	73	83	90	85	80	91	100	92	90	89	93	89	94	91	86	82	85	85	88		89	91	95	97	82	81	90	98	88.
	MIN	58	60	55	53	53	55	53	52	57	63	67	61	62	60	66	62	64	63	56	54	58	54		68	60	61	67	63	54	65	60	59.
GRENORA	MAX	76	79	76	75	85	91	84	86	95	99	98	99	86	85	85	81	84	80	85	88	86	80	93	84	92	97	94	81	91	88	98	87.
	MIN	51	55	48	50	53	53	56	49	59	58	57	57	67	59	57	62	64	54	54	54	53	62	64	58	61	75	70	61	69	65	75	59.
HANKINSON R R STATION	MAX	78	88	91	83	76	88	91	90	85	85	94	96	91	90	88	80	82	81	92	76	78	82	84	84	81	82	82	87	93	83	80	85.
	MIN	55	65	66	62	56	52	69	62	58	59	67	73	65	68	62	64	65	69	62	62	63	60	63	63	65	59	65	67	65	65	63	63.
HANNAH	MAX	84	82	78	72	80	82	80	75	78	95	92	84	80	81	85	86	87	83	74	79	78	76	87	79	81	91	88	81	85	88	91	82.
	MIN	55	62	50	54	46	50	51	49	48	60	66	58	64	51	66	61	64	62	55	51	59	47	54	65	57	58	57	59	46	62	52	56.
HANSBORO	MAX	89	82	81		81	89	81	75	81	100	96	86	84	89	88	88	88	78	80	83	76	79	91	79	85	95	91	80	85	92	94	85.
	MIN	55	60	49		49	53	54	51	49	58	65	58	62	53	67	61	63	60	54	50	57	48	55	62	59	56	57	54	47	62	54	56.
HETTINGER	MAX	88	83	79	73	81	93	80	83	91	97	97	92	88	86	88	93	97	72	71	82	87	90	92	86	89	90	93	85	90	88	91	86.
	MIN	60	57	57	51	52	57	64	51	64	64	61	64	64	64	61	71	61	60	60	56	60	59	66	64	57	64	65	60	58	57	63	60.
HILLSBORO	MAX	87	91	84	71	77	91	90	81	81	98	96	89	93	87	84	85	87	85	74	78	77	86	86	83	88	87	87	95	89	87	91	86.
	MIN	61	69	68	58	59	68	68	56	56	64	66	66	65	65	60	67	65	72	58	63	61	56	61	65	66	62	67	64	57	63	63	63.
JAMESTOWN CAA AP	MAX	89	88	83	72	83	91	85	83	89	99	100	89	94	90	89	89	88	80	67	81	85	84	90	76	89	90	89	92	85	89	93	86.
	MIN	62	63	61	54	52	53	64	53	56	60	63	68	61	64	68	62	63	62	57	57	59	56	58	65	59	65	61	64	56	64	59	60.
JAMESTOWN STATE HOSP	MAX	88	89	84	76	84	95	87	83	90	101	102	93	93	92	90	93	88	88	75	80	82	84	89	84	89	89	89	90	86	89	95	88.
	MIN	63	63	63	57	51	54	69	54	59	62	66	69	62	65	68	69	62	69	58	57	59	56	61	67	60	66	62	66	58	63	61	61.
KENMARE	MAX	80	89	79	80	75	83	91	79	82	95	100	91	95	91	93	86	93	89	82	86	87	83	85	92	86	91	95	97	79	87	86	87.
	MIN	50	57	50	50	55	55	60	48	55	60	59	56	59	59	59	57	63	57	50	57	52	55	58	65	55	60	68	62	51	59	61	56.
KENSAL WILDLIFE REFUGE	MAX	90	90	87	83	85	91	87	85	88	99	100	95	97	95	91	93	87	85	73	80	83	87	89	89	91	91	91	89	88	90	92	89.
	MIN	63	62	57	55	51	52	58	60	56	63	64	65	60	65	69	68	61	65	54	51	54	55	61	65	56	64	67	62	56	64	57	60.
LANGDON EXP FARM	MAX	87	86	78	75	80	84	81	75	79	97	95	88	82	82	85	85	86	84	71	81	78	78	87	82	85	92	88	85	85	90	92	84.
	MIN	53	60	47	51	44	49	59	45	46	59	65	58	62	52	63	60	61	59	53	49	53	45	53	62	56	57	60	59	43	60	51	54.
LARIMORE	MAX	88	91	86	79	86	93	88	81	82	100	98	90	90	92	87	89	88	83	71	83	81	85	89	85	90	98	88	93	89	91	95	88.
	MIN	60	60	58	51	52	55	64	54	49	61	72	65	62	63	62	68	64	57	57	55	57	53	53	65	59	60	59	64	53	61	60	59.
LEEDS	MAX	90	90	82	76	84	92	89	80	84	102	102	91	87	90	89	89	89	86	78	83	81	84	89	87	88	92	89	85	85	90	91	87.
	MIN	59	61	53	53	48	55	55	50	53	65	70	60	64	57	67	63	65	61	53	47	57	48	57	65	54	60	61	64	47	62	52	57.
LINTON	MAX	92	88	84	78	90	95	84	89	94	100	102	96	96	95	96	98	98	88	70	85	88	90	92	83	93	92	95	95	92	95	96	91.
	MIN	62	60	69	56	47	52	63	49	60	62	67	70	68	68	70	66	70	62	57	52	58	62	63	65	52	62	66	68	58	68	68	61.
LISBON	MAX	86	89	90	85	86	91	90	82	84	94	95	92	88	89	87	83	82	84	78	81	85	85	87	87	83	85	87	95	88	85	91	86.
	MIN	64	69	65	59	51	53	68	56	55	68	68	70	60	68	67	68	65	71	59	59	60	64	56	63	65	61	62	67	61	64	63	62.
LOSTWOOD 12 N	MAX																																
	MIN																																
MADDOCK AGR SCHOOL	MAX	91	87	85	74	85	93	87	85	86	104	101	91	93	94	93	89	88	84	76	84	81	82	89	85	85	92	90	85	82	88	90	87.
	MIN	60	60	50	59	52	55	62	52	52	60	72	62	63	60	67	61	64	62	60	51	60	53	60	65	55	60	60	62	55	62	56	59.
MANDAN EXP STATION	MAX	82	90	86	81	74	83	93	80	82	92	97	101	91	93	91	91	96	95	75	73	82	84	89	92	79	92	92	94	85	91	90	87.
	MIN	61	59	64	55	51	54	68	52	57	63	67	61	65	66	62	63	65	65	61	52	59	60	66	69	54	62	64	65	55	64	53	60.
MANDAN FT LINCOLN PARK	MAX	92	88	81	78	85	94	92		92	97	101	94	93	96	93	94	92	87	74	85	86	89	92	87	89	92	91	94	91	96	98	90.
	MIN		55			48	54	63		56	60	65	64	67	63	64	62	67	63	64	62	57	57	63	60	63	58	54	61	63	64	63	60.
MARMARTH	MAX	88	92	85	85	76	86	99	79	80	96	101	100	97	84	89	88	96	98	81	76	89	89	94	94	85	92	95	95	86	89	87	89.
	MIN	56	55	55	54	47	51	66	47	46	57	58	56	62	62	60	66	65	58	54	59	57	57	61	66	52	59	66	56	52	53	60	57.
MAX	MAX	83	90	84	81	73	83	92	81	81	90	99	96	92	90	89	87	89	89	75	76	80	82	85	90	84	88	91	92	78	83	85	85.
	MIN	58	58	59	51	50	55	65	51	58	61	67	64	61	61	62	62	63	63	58	52	60	57	62	67	56	60	63	61	55	65	62	59.
MAYVILLE	MAX	86	86	84	76	75	90	89	81	79	99	96	89	87	85	85	85	85	84	74	83	81	82	83	83	88	85	85	95	92	89	94	85.
	MIN	61	64	63	61	53	58	70	53	49	62	70	67	61	64	67	62	64	67	57	57	59	57	57	65	63	63	63	64	54	64	60	61.
MC CLUSKY	MAX	89	86	85	73	84	94	83	83	93	100	100	94	93	91	91	94	92	86	75	82	82	86	90	84	90	91	92	86	86	90	94	88.
	MIN	59	58	57	51	52	55	70	51	58	64	63	64	66	62	64	65	60	62	61	52	62	56	65	66	57	60	64	64	56	65	58	60.
MC HENRY 5 N	MAX	84	87	81	70	84	90	84	80	82	101	98	86	91	88	86	86	85	76	71	79	77	81	85	78	85	88	85	85	80	86	87	84.
	MIN	60	61	57	54	49	56	66	49	53	62	66	63	64	62	68	60	61	61	55	51	56	51	57	65	56	62	60	64	52	62	58	58.
MC LEOD 3 E	MAX	88	90	86	78	86	93	90	85	85	95	96	93	94		81	87	82	91	78	81	85	84	84	82	84	84	88	95	88	90	92	87.
	MIN	64	66	64	59	53	55	69	55	58	68	65	71	61		63	67	65	72	58	62	61	58	63	64	65	60	64	65	62	60	63	62.
MC VILLE	MAX	86	87	82	75	84	91	86	80	81	101	98	89	92	88	85	86	87	80	70	80	79	82	87	84	88	91	89	89	88	89	94	86.
	MIN	59	62	57	53	48	51	63	49	49	60	69	64	60	60	66	64	61	64	55	52	55	51	57	64	56	61	59	63	51	61	54	58.
MEDORA 3 NNE	MAX	89	85	81	76	85	94	91	86	92	98	98	98	93	90	88	95	93	81	79	87	89	93	92	90	94	94	95	91	91	90	96	90.
	MIN	57	55	54	54	49	52	66	49	53	56	53	60	59	63	63	59	64	61	50	60	55	58	66	65	53	67	68	57	53	55	64	58.
MINOT CAA AP	MAX	89	84	81	74	83	92	80	82	90	100	90	94	89	92	87	93	89	80	80	83	84	86	92	86	90	92	96	82	85	89	94	87.
	MIN	58	62	53	51	55	62	59	53	54	67	68	64	62	60	65	62	64	61	57	58	58	55	66	67	62	64	65	63	55	65	63	60.
MINOT EXP STATION	MAX	84	89	84	80	74	84	90	80	82	89	98	90	92	88	91	86	92	87	81	80	81	82	87	91	86	89	92	90	81	86	89	86.
	MIN	58	60	53	51	52	55	63	50	50	62	68	60	60	56	57	58	62	60	54	53	55	53	63	65	59	62	66	60	53	61	58	58.
MOFFIT 4 SE	MAX	91	91	85	80	84	92	84	84	90	98	99	97	94	91	92	92	94	92	70	82	82	88	90	88	91	91	92	92	90	91	95	89.
	MIN	60	57	62	54	49	47	62	48	58	59	64	65	63	67	62	64	59	66	54	49	57	60	63	65	51	58	62	65	56	64	52	58.
MOHALL	MAX	88	82	80	75	84	91	89	80	92	99	95	94	89	93	90	93	91	87	85	87	87	90	95	95	90	96	97	82	87	89	97	89.
	MIN	54	59	49	52	50	52	58	48	52	57	62	57	62	59	64	55	63	58	51	51	52	53	62	62	54	54	64	57	51	60	59	56.
MOTT	MAX	87	85	79	73	82	91	80	84	93	96	100	95	89	88	92	94	93	73	71	84	85	90	92	84	91	91	94	85	90	89	94	87.
	MIN	58	56	58	52	50	54	60	50	56	56	63	63	63	58	62	63	63	59	59	56	59	56	64	65	55	57	63	56	53	57	58	58.
MUNICH 4 SW	MAX	87	85	79	72	81	88	83	77	79	97	97	89	79	84	86	86	82	81	74	79	79	79	87	82	84	90	87	83	83	89	89	83.
	MIN	57	58	44	52	44	51	54	49	48	58	66	60	65	56	66	59	63	61	56	50	56	47	55	63	55	58	52		59		55	55.

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	92	90	83	75	87	93	87	85	91	98	98	94	94	90	91	92	93	91	70	83	85	86	90	85	91	90	92	91	89	90	93	89.0
	MIN	62	61	64	56	55	58	67	53	60	64	68	67	64	66	68	66	63	67	57	53	59	60	64	68	54	63	60	66	58	63	58	61.7
NEW ENGLAND	MAX	88	82	81	73	82	94	83	84	91	97	96	94	85	86	87	94	95	72	72	84	84	90	91	81	90	90	93	84	88	87	91	86.7
	MIN	59	57	57	52	49	56	56	57	57	65	58	62	63	59	61	63	63	58	59	55	57	57	58	66	55	55	62	57	54	57	58	58.1
NEW SALEM 1 S	MAX	89	84	80	74	83	91	78	82	90	96	98	89	91	87	90	96	93	73	71	82	81	89	90	80	92	90	92	84	89	90	95	86.7
	MIN	60	52	60	52	53	59	62	54	52	65	68	68	64	61	60	64	63	60	60	60	61	61	65	64	60	59	60	62	54	60	60	60.1
NEWTOWN	MAX	85	85	80	74	84	92	84	80	90	95	91	95	89	90	89	88	89	86	79	85	84	87	93	90	90	93	93	81	85	87	94	87.3
	MIN		59	53	52	51	56	62	56	59	61	63	65	63	64	61	61	63	62	58	55	56	59	68	67	60	61	66	61	53	60	64	60.0
OAKES	MAX	79	86	88	82	74	85	92	87	84	89	93	97	91	92	89	85	88	89	83	70	78	83	83	88	81	82	85	87	92	81	83	85.4
	MIN	64	67	65	59	52	54	70	58	60	65	66	70	63	66	68	67	63	69	61	59	62	62	61	66	66	63	61	66	60	65	66	63.4
PARK RIVER	MAX	87	90	83	82	85	90	88	83	80	98	98	89	85	88	85	89	89	86	76	83	83	83	88	85	90	94	92	91	87	91	92	87.4
	MIN	55	67	57	59	52	56	59	55	51	58	69	64	66	58	63	66	65	63	60	54	60	54	56	66	63	61	61	64	54	55	60	59.7
PARSHALL	MAX	88	88	81	75	85	93	88	82	93	99	94	97	92	92	90	92	90	87	79	84	84	88	94	91	92	93	94	81	86	89	97	89.0
	MIN	56	59	50	50	49	54	60	51	60	58		65	68	62	63	58	62	60	58	58	55	58	68	69	54	56	65	60	50	60	56	58.4
PEMBINA 2 N	MAX	83	87	85	73	79	85	82	81	75	89	89	88	83	84	83	86	86	78	75	84	76	81	84	83	86	92	86	90	83	88	88	83.6
	MIN	51	59	48	52	44	51	51	49	55	57	75	57	67	68	68	66	71	68		55	66	58	61	63	63	61	63	60	49	59	55	59.0
PETERSBURG	MAX	86	87	80	75	83	89	85	77	79	99	95	87	84	89	83	87	85	80	68	80	78	81	85	81	86	91	87	89	84	90	91	84.5
	MIN	58	62	54	54	48	55	60	50	49	62	69	63	61	60	65	63	62	67	59	54	57	53	56	63	55	59	57	65	52	60	58	58.4
PETTIBONE	MAX	94	92	84	74	82	95	87	82	92	101	103	89	96	92	92	93	88	85	70	80	79	82	87	84	87	88	87	86	85	87	92	87.6
	MIN	59	59	59	53	49	54	60	64	52	62	65	67	64	61	66	68	59	60	56	54	56	55	63	64	56	62	61	61	58	62	62	59.7
PORTAL	MAX	80	82	78	77	75	81	91	77	82	95	100	93	95	84	95	89	88	90	85	89	90	82	85	95	85	93	96	94	77	87	87	87.0
	MIN	48	51	48	50	50	55	54	46	55	63	60	57	59	59	59	55	60	55	49	54	55	55	59	60	58	60	65	60	52	57	62	55.8
POWERS LAKE 1 N	MAX	86	79	78	75	85	89	80	78	94	99	90	95	85	91	85	90	88	84	82	89	80	86	92	80	90	93	95	81	88	85	95	86.7
	MIN	48	52	43	47	57	48	50	44	57	54	56	55	57	60	55	56	60	54	49	54	50	56	63	60	58	60	62	60	48	58	58	54.5
RAUB 10 SSW	MAX	96	84	87	84	86	85	83	80	93	98	94	99	90	93	95	91	91	90	84	85	83	89	94	92	94	95	92	88	89	88	96	89.9
	MIN	56	60	62	63	59	62	60	55	62	68	62	73	63	66	61	65	64	63	57	58	56	61	69	68	58	64	62	60	68	62	62	62.2
RICHARDTON ABBEY	MAX	89	85	80	74	83	93	90	84	92	97	96	94	89	87	85	92	94	88	72	84	82	90	91	87	93	91	94	82	89	88	94	88.0
	MIN	61	58	58	51	51	58	64	53	58	63	63	63	64	62	59	65	60	59	60	57	61	60	63	69	58	59	64	61	59	59	61	60.0
RIVERDALE	MAX	83	90	84	81	74	83	93	80	80	90	97	96	93	91	90	84	89	90	73	74	80	82	85	88	79	88	89	90	80	85	86	85.4
	MIN	58	61	57	54	53	55	67	52	61	59	59	59	58	58	60	65	62	63	60	54	61	59	65	65	56	57	64	61	56	63	59	59.4
ROLLA	MAX	85	84	79	70	82	91	82	75	82	96	92	85	80	87	89	87	88	82	78	81	80	79	88	83	83	92	90	80	84	88	92	84.3
	MIN	56	62	54	52	50	58	58	53	51	60	65	61	59	55	66	62	61	60	57	53	58	51	57	61	60	57	58	62	48	62	54	57.5
RUGBY	MAX	90	88	84	80	84	91	89	81	88	102	100	95	93	94	92	92	90	87	81	83	83	85	91	89	88	92	92	87	85	90	94	89.0
	MIN	60	61	54	53	50	63	58	52	57	66	73	63	66	62	67	65	63	64	59	55	60	56	64	60	60	64	64	63	54	64	57	60.5
SAN HAVEN	MAX	86	82	79	72	81	90	82	78	85	97	95	92	83	88	89	89	87	83	85	83	81	79	89	85	85	93	91	76	82	87	92	85.4
	MIN	58	59	52	50	58	53	59	51	55	62	69	64	64	61	66	62	64	60	54	60	58	56	58	63	63	62	63	63	54	63	52	59.2
SHARON	MAX	84	85	79	75	82	88	85	78	80	97	93	89	91	89	87	86	85	85	69	80	81	82	85	81	88	88	85	89	89	87	92	85.0
	MIN	59	63	58	56	49	55	64	51	52	64	70	64	61	62	65	67	60	61	56	55	57	52	55	64	58	62	62	64	54	62	58	59.4
STANLEY	MAX	87	81	78	74	84	94	87	82	92	100	94	95	90	92	89	88	87	81	80	84	82	87	92	88	90	92	93	79	86	88	95	87.5
	MIN	55	57	53	49	52	59	59	57	54	60	59	59	59	60	60	58	64	59	56	54	54	54	63	64	57	58	61	60	50	59	59	57.5
STEELE	MAX	92	87	83	80	84	93	89	82	92	99	99	93	94	90	88	90	90	88	72	81	82	84	87	74	87	87	88	87	85	88	90	87.3
	MIN	58	59	60	50	47	54	67	50	55	61	62	69	62	61	61	66	62	60	56	56	60	58	63	64	55	62	64	64	55	64	56	59.4
TIOGA 1 E	MAX	85	85	76	76	76	80	91	75	80	93	99	89	93	88	90	84	89	86	78	81	85	84	81	91	88	91	93	94	78	78	88	85.3
	MIN	50	53	45	47	49	53	53	45	59	56	56	60	57	62	57	56	62	55	51	53	51	57	61	60	57	61	63	57	48	58	61	55.3
TOWNER	MAX	90	86	83	75	85	92	88	85	91	102	96	96	90	94	93	94	92	80	83	84	86	92	93	90	90	95	95	88	85	91	93	89.6
	MIN	59	58	51	52	48	54	47	53	56	61	69	60	60	58	64	68	64	61	53	59	52	50	54	66	54	61	62	59	49	63	54	57.4
TURTLE LAKE	MAX	90	87	82	75	85	94	89	83	91	100	99	94	93	90	90	91	90	87	75	80	81	85	90	80	89	89	91	80	84	89	93	87.6
	MIN	58	57	57	52	53	55	66	50	57	62	61	64	63	63	61	64	61	60	60	53	61	56	64	64	57	61	63	63	55	63	59	59.5
UNDERWOOD	MAX	84	90	84	82	72	82	93	80	82	90	97	92	93	91	90	88	91	92	73	75	81	82	86	90	82	87	90	92	80	86	89	86.0
	MIN	58	59	57	51	53	56	66	50	58	63	64	64	63	62	58	62	63	60	60	57	60	57	66	63	56	60	63	61	55	63	59	59.6
UPHAM 3 N	MAX	88	87	83	75	85	91	87	80	92	98	98	94	90	92	91	95	95	93	84	89	84	87			91	98	101	88	90	92	97	90.2
	MIN	59	58	49	52	50	52	60	48	56	62	68	62	63		66	62	65	62	54	54	56	56			57	62	64	60	50	63	57	58.1
VALLEY CITY	MAX	87	89	88	74	84	92	86	82	84	98	98	97	93	89	85	86	85	82	79	80	84	84	87	84	86	87	88	92	89	88	91	87.0
	MIN	63	65	57	53	54	68		60	55	65	67	68	61	67	68	69	63	73	60	58	60	57	58	65	65	64	61	65	58	63	64	62.5
VELVA	MAX	85	92	87	83	75	86	92	82	83	93	103	92	96	91	94	90	96	93	79	81	85	84	90	95	86	91	96	97	82	87	90	88.9
	MIN	59	63	52	53	54	53	66	49	57	61	69	61	63	60	66	61	64	64	57	52	55	54	64	67	61	60	66	62	51	64	56	59.5
WAHPETON STATE SCHOOL	MAX	87	91	91	84	87	92	92	86	84	94	96	95	92	90	83	83	83	94	84	79	86	88	86	84	83	86	90	96	91	86	94	88.3
	MIN	64	69	64	60	53	57	70	58	57	65	67	72	64	68	62	64	66	72	62	62	61	59	63	63	65	61	64	67	64	65	64	63.6
WASHBURN	MAX	91	90	80				89	82	90	98	98	94	93	89	90	93	90	88	75	85	83	88	90	82	91	91	93	86	90	92	95	89.1
	MIN	61	60	56				67	50	58	62	66	69	64	67	63	65	64	63	61		60	58	66	68		60	65	55	65	63	55	62.0
WATFORD CITY	MAX	92	84	83	75	85	92	82	83	96	101	92	100	92	93	86	90	91	81	84	90	87	92	97	90	92	96	97	84	91	92	99	90.0
	MIN	58	59	54	51	56	54	62	54	60	62	62	60	60	64	60	62	62	61	53	58	54	63	64	62	56	62	66	62	57	58	66	59.4
WATFORD CITY 14 S	MAX	90	90	85	75	85	93	90	84	94	99	100	98	94	92	92	91	89	89	82	89	89	93	96	93	95	95	96	97	94	90	98	91.5
	MIN	55	55	50	49	49	51	57	49	57	59	56	58	58	56	56	58	61	58	46	57	50	60	61	64	51	63	60	59	52	54	59	55.7
WESTHOPE	MAX	86	82	80	74	84	92	80	82	91	100	95	94	87	94	92	93	92	85	84	86	80	83	93	86	88	94	94	80	85	91	96	87.8
	MIN	55	54	47	50	47	55	62	48	54	60	65	57	60	59	64	59	63	62	51	53	56	56	64	64	56	61	65	59	52	60	59	57.3
WILLISTON WB CITY	MAX	92	85	79	77	86	90	81	82	95	101	93	99	87	91	86	90	87	80	82	89	85	90	95	89	95	97	91	83	90	92	98	88.9
	MIN	56	60	56	53	58	56	62	52	64	63	61	61	60	64	63	62	65	61	59	61	55	64	69	66	65	71	72	66	62	61	73	62.0
WILLISTON EXP FARM	MAX	92	84	79	76	86	87	87	83		99	98	99	93	93	83	89	83	81	82	85	82	89	94	90	93	96	93	86	90	90	98	88.7
	MIN		54	51	47	52	52								60	57	58	58	56	53		54	60	63	61	57	62	70		55	54	65	
WILLOW CITY	MAX	89	86	83	74	85	91	86	82	88	103	100	94	86	94	93	92	91	90	83	85	83	85	93	90	88	95	94	86	86	94	95	89.2
	MIN	55	58	50	53	42	47	56	50	48	63	67	60	59	56	67	56	62	62	53	47	55	50	60	63	55	55	57	56	44	64	48	55.4
WILTON	MAX	91	83	84	82	82	92	84	82	92	98	100	92	91	90	90	89	91	84	73	81	87	88	88	83	89	90	92	91	94	92	90	88.2
	MIN	53	57	50	58	60	54	64	52	56	60	66	61	64	60	64	60	60	57	60	50	63	61	65	55	57	60	59	60	61	57	61	58.9
WISHEK	MAX	80	89	85	80	72	83	91	83	84	89	94	95	90		90	88	92	93	79	69	80	85	85		74	86	87	88	92	85	88	85.4
	MIN	59	60	59	52	48	48	62	48	53	59	60	65	53	58	67	60	60	65	55	51	54	58	57	56	52	52	51	63	54	62	54	56.6

See reference notes following Station Index.

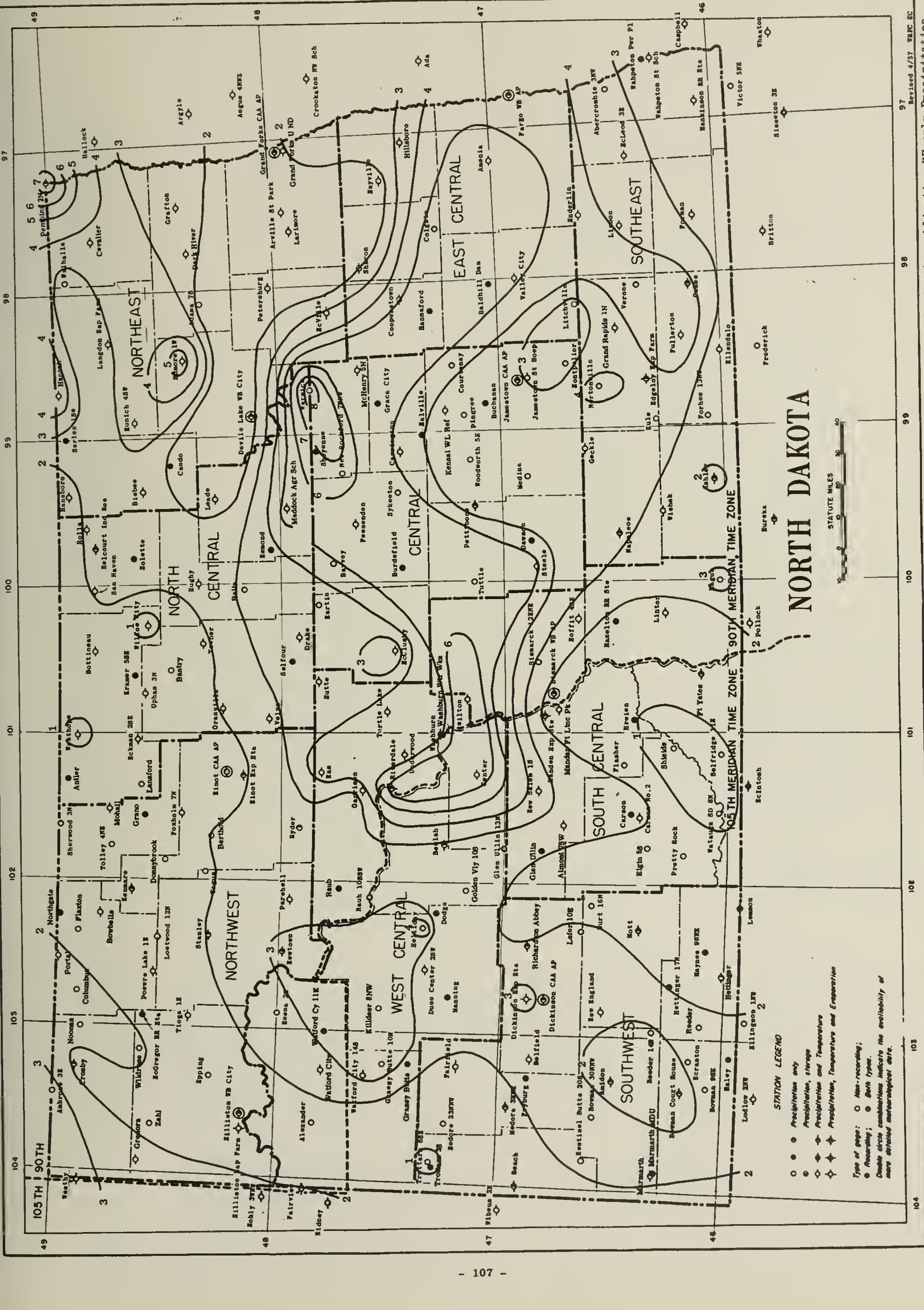
EVAPORATION AND WIND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.13	.39	.28	.24	.21	.27	.33	.30	.23	.19	.36	.39	.29	.32	.13	.22	.28	.21	.06	.15	.21	.22	.30	.14	.14	.28	.29	.29	.31	.10	.32	7.58
	WIND	49	51	39	72	53	41	53	49	53	35	47	58	35	44	58	46	68	50	21	20	29	24	42	46	28	41	46	47	28	34	29	1336
DICKINSON EXP STATION (A)	EVAP	.12	-	.18	.29	.16	.24	.32	.13	.18	.27	.23	.14	.27	.19	.28	.14	.29	.33	.13	.20	.15	.22	.31	.22	.13	.20	.30	.16	.24	.16	.16	6.558
	WIND	75	105	55	175	110	70	150	50	50	50	125	35	80	85	165	50	170	105	50	75	75	75	160	130	50	50	150	70	60	90	50	2790
EDGELEY EXP FARM	EVAP	.29	.26	.32	.36	.28	.26	.36	.31	.29	.29	.34	.36	.40	.26	.38	.19	-	.28	-	.06	.21	.25	.26	.34	.01	.24	.30	.21	.29	.30	.19	8.438
	WIND	65	61	59	65	85	52	57	52	46	76	46	55	46	39	86	55	29	180	133	80	29	48	26	54	20	27	43	60	-	-	-	18548
MANDAN EXP STATION (A)	EVAP	.16	-	.19	.32	.24	.20	.24	.16	.18	.17	.24	.23	.21	.30	.28	.18	.29	.31	.16	.14	.14	.20	.23	.26	.17	.17	.33	.23	.29	.26	.23	6.938
	WIND	75	58	71	119	133	56	112	68	54	65	73	56	57	93	145	88	180	163	61	46	39	103	122	184	34	32	115	104	85	98	63	2752
RIVERDALE	EVAP	.31	.37	.26	.31	.26	.32	.32	.31	.27	.34	.30	.42	.26	-	-	.39	-	-	.15	.19	.19	.32	.30	.34	.10	.38	.35	-	.38	.27	.27	9.168
	WIND	97	71	50	125	135	62	93	55	96	86	83	60	43	90	150	50	152	105	32	55	58	101	147	165	60	74	140	116	91	103	46	2791
WILLISTON EXP FARM	EVAP	.38	.26	.18	.32	.44	.26	.48	.41	-	-	.22	.46	.30	-	-	.12	.33	.31	.28	.31	.15	.30	.44	.30	.40	.48	.32	.34	.39	.31	.49	10.318
	WIND	70	97	58	200	120	33	127	63	*	158	44	55	73	194	64	51	114	100	71	71	49	95	98	43	63	77	79	81	92	42	82	2564

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

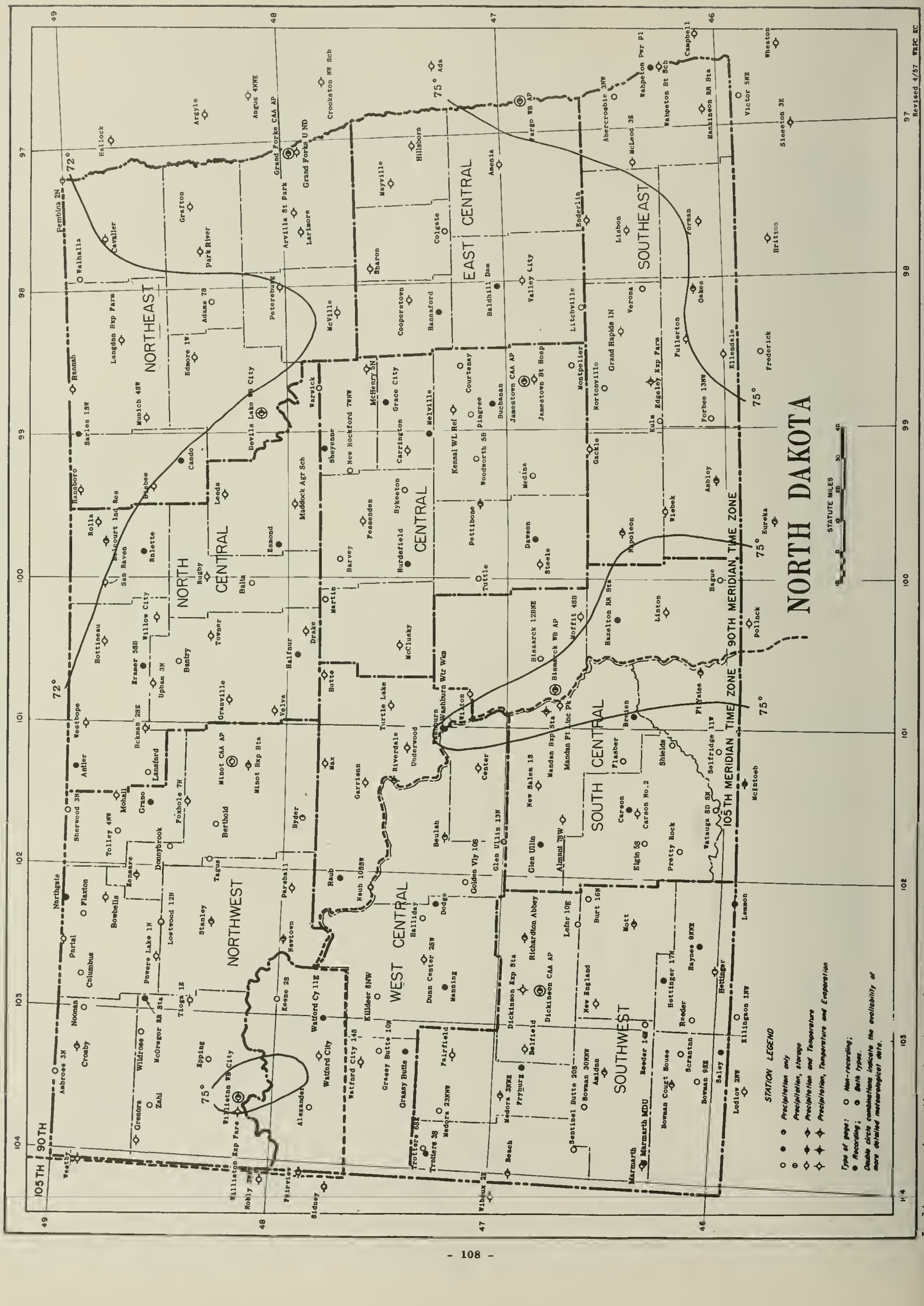
TOTAL PRECIPITATION

JULY 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	88 06	1554		6P	Myron J. Hata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Fred Fiesner	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. H. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	87 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Pius Locker	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	6A	Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Iedergaard	2 3 5
Berthold	0729	Ward	12	48 18	101 44	2080		6P	Joan Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak Util.Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	89 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 48	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Book	2 3 5 C
Bowman 9 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank B. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Barry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Beloitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		8A	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Bannwalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2213	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2385	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2805	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil B. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	48 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MID	John Syminow	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1811	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Aehore	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVere Schilling	3
Golden Valley 10 N	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Boederud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N.D.	2 3 5
Grand Rapids 1 N	3885	La Moure	5	48 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3678	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3886	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	V. F. Kreinbrink	C
Grassy Butte 10 E	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	6P	6P	L. D. Nielsen	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		8P	Walter Weisenburger	3
Hankinson R R Station	3808	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3928	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3863	Towner	9	48 57	98 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 28	2572		MID	John B. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	48 00	102 38	2680	8P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 E	4186	Adams	1	48 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	48 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 N	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4645	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4856	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4728	Dunn	7	47 28	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	89 26	1515	8P	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Liek	3
Linton	5210	Emmons	8	48 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Rörvik	3
Lostwood 12 E	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	8P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	48 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 5 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	8	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5573	Slope	7	46 18	103 55	2714	8P	6P	CLOSED - - - - -	4/10/57
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	8A	E. B. Jestnes	2 3 5 C
Martin	5810	Sheridan	11	47 50	100 07	1610		5P	Elroy E. Hensler	3
Max	5838	McLean	8	47 48	101 18	2083	8A	8A	R. B. Schafer	2 3 5 7
Mayville	5880	Traill	10	47 30	97 18	975	6P	6P	H. A. Rayaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	5P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 58	2221		MID	L. E. Erickson	C
McHenry 5 E	5730	Eddy	11	47 38	88 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5784	Nelson	10	47 48	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	99 18	1795		6P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie H. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5 C
Moffit 4 NE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. S. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Ranson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. B. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	U.S. Customs & Imm.	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Brotne	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Taegney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 NNW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. H. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		6P	Edward Soedag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley	8764	Renville	12	48 43	101 50	1848		6P	Arthur I. Folland	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August H. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Gruenwald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 06	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	6P	5P	Judy Horlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
# Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U. S. Weather Bureau	2 3 5 7 C
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Nellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	98 47	935		6P	Helmer Amundsen	3
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, ASHEVILLE, N. C. -- 8-28-57 -- 850

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

AUGUST 1957
Volume LXVI No. 8

THE LIBRARY OF THE
1957

ASHEVILLE: 1957

WEATHER SUMMARY

Rains during the second week of August and heavy morning dews and scattered showers during the last week caused delays in harvesting North Dakota's small grain crop. Otherwise, the weather was mostly beneficial to small grains, row crops, and pastures.

August 1 was a warm day. Temperatures in the afternoon rose to the upper 80's and 90's, generally, and to 100° or higher at a few stations. A few stations registered their highest temperatures for the month on the 1st. The mild weather, however, was interrupted by cool northerly air which spread over the State from the 2d to 5th. Temperatures climbed rapidly on the 6th and most stations registered their highest maximums for the month on the 6th or 7th. The monthly maximums ranged, in general, from the lower 90's over the eastern counties to near or slightly above 100° along and west of the Missouri River. The highest temperature for the State, 104°, occurred at Bismarck WBAP and Mandan Fort Lincoln Park on August 1. In general, temperatures during the first half of August averaged slightly above seasonal. Cooler-than-seasonal weather predominated during the last half of the month. Early morning temperatures were especially cool from the 24th to 29th. Daily minimums were generally in the 40's and 50's on those dates. Afternoon temperatures also were relatively cool from the 26th to 29th. They were mostly in the 50's and 60's during the period. Most stations registered their lowest temperatures for the month on the 5th, 23d, 24th, or 26th. The lowest temperature for the State, 34°, occurred at Wishek on the 24th and at Portal on the 26th. Temperatures rose to above seasonal on the last day of the month. Monthly mean temperatures ranged from 62.7° at Belcourt Indian Reservation to 70.9° at Linton. Monthly mean temperatures were mostly slightly below the long-term means over the eastern half of the State and over most southwestern counties. They were mostly above seasonal along the Missouri River, over the west central division, and in the extreme northwest.

Scattered showers were frequent during August. Little rain of importance fell from the 3d to 6th, or on the 15th, 18th, 19th, 21st, or 23d but light to locally moderate showers occurred on most other dates. Generous rains fell on the 12th and 13th. A number of stations received their most beneficial amounts on the 1st or during the last few days of August. The rains on the 10th and 12th were accompanied by high winds in some areas. Monthly totals ranged from 0.72 inch at Fort Yates to 8.52 inches at Sykeston. A few scattered stations received less than one inch of rain during August. Most stations over the west central, southwestern, south central, and the southern counties of the northwestern divisions received less than two inches. Most stations over the eastern third of the State and over the north central division received more than four inches. A few stations in the central, north central, and northeastern divisions received more than six inches. In general, precipitation over central North Dakota averaged about twice the long-term means. Most north central, northeastern, and southeastern stations received greater amounts than average. Precipitation over the east central division was slightly above the long-term means at most stations. Rainfall over the northwest, southwest, and south central divisions averaged about seasonal. The west central division received somewhat less than average for August.

Hot weather at the beginning of August hastened th maturity of small grains. In the light soil area or where the moisture was short, the high temperatures reduced the yields and lowered the test weights On the other hand, the hot weather favored the growt of corn, soybeans, and sugar beets, and those crop made excellent growth and showed considerable promis of good yields, Lower temperatures at the end of th first week gave some relief to the late grains an flax. Small grain harvest made rapid progress unde mostly favorable weather conditions during the firs part of the month. Strong winds on some days hampered combining and the general rains on the 12t caught a large acreage of grain on the ground. Combining was delayed until the grain dried. Heav morning dews and scattered showers during the las part of August slowed the small grain harvest. Ry harvest was finished and almost all of the barle and oats were harvested. The unharvested wheat wa ready but only limited progress was being made. Fai weather was needed to complete the wheat harvest Hay harvest was still in progress. Pastures wer generally providing good grazing in all areas except the northwest.

STORMS

Several damaging storms occurred during August. O August 1 hail, rain, and wind caused crop and propert losses in Towner, Cavalier, and Ward Counties. Th strong winds demolished granaries and barns, uprooted trees, and blew away swaths of grain. Th rain flooded basements in Rolla. Wind and hail cause extensive damage to crops and other property in Renville, Bottineau, and northern Ward Counties on th evening of the 6th. The wind uprooted many tre and moved or wrecked many farm buildings. Much standing grain was damaged or destroyed by hail. Hail an wind caused slight damage to grain and buildings i Sheridan County on the 11th. Several counties sustained hail, rain, and wind damage on August 12. Muc grain was damaged in Hettinger and Grant Counties i the afternoon. Two large barns were wrecked and som other buildings were damaged. In the early evenin heavy rain fell over much of central and easter North Dakota. Some places received several inch in a short time. The deluges washed away swath grain, floated bales of hay from fields, and floode roads. The heaviest damage occurred in Pierce, Gran Forks, Wells, and Stutsman Counties. Basements i Grand Forks, Fessenden, and Carrington were flooded A barn and elevator near Jamestown were destroyed Electricity was off at Jamestown and Fargo for a shor time. A tornado destroyed a warehouse and severa other buildings in Ransom County. On the afternoo of the 13th, strong winds demolished several buildings and damaged others in and near Riverdale, Falkirk, Underwood, and Hazen. On the morning of Augus 14, a tornado destroyed some farm buildings northeast of Fessenden.

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Weather Records Processing Cent
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SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00A CST	6:00A CST	12:00P CST	6:00P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	E	18	11.6	47	E	11	73	86	53	50	2	7	4	0	0	0	13	56	5.5
OEVILS LAKE WB CITY	E	-	7.5	28	NW	12	-	91	59	59	3	3	6	1	2	0	15	58	5.9
FARGO WB AIRPORT	N	15	12.9	43	SE	7	83	88	55	55	9	6	2	2	0	0	19	55	5.8
WILLISTON WB CITY	SE	-	7.5	29	E	11	-	80	51	42	4	6	2	0	0	0	12	67	5.4

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature														Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	.50 or More	1.00 or More
NORTHWEST OIVISION																								
BOWBELLS		79.9M	52.0	66.0M		98	6	39	26	85		0	0	0	2.88		1.31	31	.0	0		6	2	1
CROSBY		80.4	53.5	67.0	1.3	99	6	38	26	73	4	0	0	0	2.27	.42	.75	31	.0	0		6	2	0
FOXHOLM 7 N		81.2M	53.4M	67.3M	0.0	100	6+	42	26	67	7	0	0	0	1.40	- .70	.51	11	.0	0		6	1	0
GRENORA		81.7	M	M		99	6				9	0	0	0	2.30		.98	30	.0	0			0	0
KENMARE	AM	78.5	51.3	64.9		97	1+	40	26+	94	5	0	0	0	1.69	- .21	.75	27	.0	0		5	1	0
LOSTWOOO 12 N		M	M	M				38	26			0	0	0					.0	0				
MINOT CAA AP		76.5	55.1	65.8		100	6	41	26	76	3	0	0	0	3.68		1.18	12	.0	0		6	3	1
MINOT EXP STATION	AM	77.5	52.1	64.8		98	7	40	26	94	4	0	0	0	2.52		.93	11	.0	0		6	1	0
MOHALL		80.0	52.8	66.4	- 0.4	97	6+	38	26	70	4	0	0	0	2.39	.21	.67	17	.0	0		5	2	0
NEWTOWN		80.1	54.9	67.5	0.5	100	6	41	26	63	6	0	0	0	1.19	- .49	.42	14	.0	0		5	0	0
PARSHALL		81.1	52.8M	67.0M		103	6	40	4	75	5	0	0	0	3.05	1.38	1.23	14	.0	0		7	2	1
PORTAL	AM	77.8	49.8M	63.8M	- 1.5	98	1+	34	26	118	3	0	0	0	2.33	.06	.56	27	.0	0		8	1	0
POWERS LAKE 1 N		77.0M	51.0M	64.0M		97	6			114	3	0	0	0	1.55		.46	31	.0	0		4	0	0
STANLEY		79.4	52.7	66.1		99	6	39	26	74	4	0	0	0	.85		.15	20+	.0	0		6	0	0
TIOGA 1 E	AM	78.9	51.0	65.0		97	7	39	4+	98	5	0	0	0	1.43		.55	27+	.0	0		3	2	0
WILLISTON WB CITY	R//	79.7	56.4	68.1	0.0	101	6	42	26	59	5	0	0	0	.76	- .65	.41	27	.0	0		2	0	0
WILLISTON EXP FARM		81.3	52.2M	66.8M		99	6	40	26	81	7	0	0	0	1.07		.47	27	.0	0		3	0	0
OIVISION				66.0	- 0.5										1.96	.02			.0					
NORTH CENTRAL OIVISION																								
BELCOURT INOIAN RES		74.3	51.1	62.7		90	1	38	26	113	1	0	0	0	6.13		2.85	1	.0	0		6	3	2
BOTTINEAU	AM	78.3	52.7	65.5	- 1.0	95	1+	38	26	78	4	0	0	0	1.48	- 1.09	.42	11	.0	0		5	0	0
DRAKE	AM	77.6	55.0	66.3	- 1.2	95	7	43	26	69	4	0	0	0	2.74	.65	.66	17	.0	0		6	3	0
ECKMAN 2 SE	AM	M	50.6M	M				40	24		4	0	0	0	2.37		.89	9	.0	0		6	1	0
GRANVILLE		78.5	55.4	67.0	- 0.5	98	6	43	26	64	5	0	0	0	4.93	2.79	1.75	12	.0	0		6	4	2
LEEDS		77.8	53.7	65.8		94	6+	39	26	69	3	0	0	0	3.47		1.81	12	.0	0		7	2	1
MADOOCK AGR SCHOOL		78.5	53.6	66.1	- 1.6	93	6	42	26	63	4	0	0	0	3.47	1.38	1.62	12	.0	0		7	3	1
ROLLA		74.1	52.6	63.4		90	6	37	26	99	1	0	0	0	7.92		3.14	1	.0	0		7	3	3
RUGBY		79.3	55.0M	67.2M		94	6	41	3+	53	5	0	0	0	4.05	1.84	1.76	12	.0	0		5	3	2
SAN HAVEN		74.5	54.0	64.3	- 1.7	90	6+	38	26	93	2	0	0	0	5.58	3.20	2.76	12	.0	0		5	3	2
TOWNER		79.3	50.4	64.9	- 2.1	97	6+	36	26	88	4	0	0	0	1.97	- .27	.69	14	.0	0		5	1	0
UPHAM 3 N		80.7	54.2	67.5		98	6	41	26	53	5	0	0	0	2.23		.80	11	.0	0		5	1	0
VELVA	AM	79.2	54.1	66.7	- 0.8	101	7	42	4	75	5	0	0	0	3.22	1.11	.98	17	.0	0		5	3	0
WESTHOPE		77.8	51.6	64.7	- 2.2	96	6	37	26	89	2	0	0	0	1.83		.70	6	.0	0		6	1	0
WILLOW CITY		78.6	51.1	64.9	- 1.1	96	6	37	4	85	5	0	0	0	5.39	3.35	3.29	12	.0	0		7	3	1
OIVISION				65.5	- 1.2										3.79	1.53			.0					
NORTHEAST OIVISION																								
ARVILLA STATE PARK		83.0	52.7M	67.9M		95	1+	35	5	57	7	0	0	0	4.15		2.95	13	.0	0		3	2	1
BISBEE		75.7	53.5	64.6		92	6	38	26	91	2	0	0	0	7.34		4.62	12	.0	0		8	3	1
CAVALIER		78.5	55.6	67.1		90	6+	42	26	40	2	0	0	0	5.10		1.80	1	.0	0		8	3	2
OEVILS LAKE WB CITY	R//	76.4	55.5	66.0	- 0.8	92	6	41	26	70	3	0	0	0	4.71	2.54	1.45	12	.0	0		9	3	2
EDMORE 1 W		75.8	52.2	64.0		92	6	37	26	93	1	0	0	0	4.12		1.73	12	.0	0		7	3	1
GRAFTON		79.6	55.7M	67.7M	- 1.0	92	1			43	3	0	0	0	3.91	1.26	1.48	13	.0	0		7	3	1
GRAND FORKS CAA AP	R	79.4	55.5	67.5		94	1	43	5+	51	5	0	0	0	5.28		2.67	12	.0	0		6	2	2
GRAND FORKS UNIVERSITY		79.5	54.3	66.9	- 1.3	93	1+	41	26	57	4	0	0	0	4.04	.91	2.42	13	.0	0		5	2	1
HANNAH		74.4	52.0	63.2		89	1+	36	26	109	0	0	0	0	4.73	1.84	1.24	11	.0	0		8	4	1
HANSBORO		74.3M	51.6M	63.0M	- 2.0	90	6	37	26	103	1	0	0	0	4.77	2.21	1.33	1	.0	0		5	4	2
LANGOON EXP FARM		75.3	50.2	62.8	- 3.1	90	6	36	26	117	1	0	0	0	5.40	2.77	1.05	11	.0	0		9	5	2
LARIMORE		81.0	55.2	68.1	- 0.2	96	1	41	5+	50	5	0	0	0	4.29	1.68	2.37	13	.0	0		5	2	1
MC VILLE		78.8	54.0	66.4		92	6	40	26	59	3	0	0	0	4.08		1.90	13	.0	0		7	2	2
MUNICH 4 SW		74.9	50.7	62.8		89	6	35	26	117	0	0	0	0	5.38		1.50	1	.0	0		8	4	2
PARK RIVER		79.8	56.1	68.0	0.3	95	6	42	26	36	4	0	0	0	3.18	.99	1.34	13	.0	0		7	1	1
PEMBINA		79.1M	55.5	67.3M				43	26	38		0	0	0	2.57	- .31	.91	11	.0	0		7	2	0
PETERSBURG		77.5	55.0	66.3		91	6	39	26	71	3	0	0	0	4.24	1.74	1.84	13	.0	0		8	2	1
DIVISION				65.9	- 1.0										4.55	1.84			.0					
WEST CENTRAL OIVISION																								
BEULAH	AM	81.8	53.9	67.9		101	7	42	23	66	6	0	0	0	1.21		.51	20	.0	0		3	1	0
BUTTE	AM	79.0M	55.0M	67.0M		98	7	41	26	76	5	0	0	0	1.96		.81	14	.0	0		3	2	0
CENTER		82.0	54.1M	68.1M		103	1	41	24+	48	6	0	0	0	1.50		.50	8	.0	0		5	1	0
OUNN CENTER 2 SW	AM	79.5M	56.4	68.0M	1.5	102	7	43	26+	65	7	0	0	0	1.73	- .24	.59	9	.0	0		4	1	0
GARRISON	AM	80.2	53.3	66.8	- 0.9	101	7	42	26	71	4	0	0	0	1.52	- .30	.74	31	.0	0		4	1	0
MAX	AM	77.7	54.2	66.0	- 1.1	94	7	40	26	85	4	0	0	0	2.90	.74	1.52	31	.0	0		4	3	1
RAUB 10 SSW		81.5M	56.8M	69.2M		102	6	41	27	56	5	0	0	0	1.77		.81	13	.0	0		5	1	0
RIVEROALE	AM	78.6	55.5	67.1		98	7	42	26	62	4	0	0	0	1.21		.54	14	.0	0		4	1	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min.											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		80.1	54.4	67.3		99	6	41	26	56	6	0	0	0	1.04		.33	27	.0	0		4	0	0
UNDERWOOD	AM	79.7	55.1	67.4		100	7	41	26	66	5	0	0	0	1.60		.55	14	.0	0		5	1	0
WASHBURN		81.4M	57.2M	69.3M	0.1	102	1+	42	26	44	4	0	0	0	1.79	.01	.45	13	.0	0		5	0	0
WATFORD CITY		81.4	55.7	68.6	- 0.3	101	6	42	23+	48	7	0	0	0	1.41	- .14	.48	31	.0	0		5	0	0
WATFORD CITY 14 S		84.9	52.9	68.9		102	6	38	23	49	11	0	0	0	1.41		.42	22	.0	0		7	0	0
WILTON		M	M	M				38	26			0	0	0					.0	0				
DIVISION				67.8	0.1										1.62	- .31			.0					
CENTRAL OIVISION																								
CARRINGTON	AM	76.9	53.8	65.4	- 1.8	92	7	40	26	81	1	0	0	0	7.21	5.31	3.30	30	.0	0		5	3	2
FESSENDEN		79.5	55.1	67.3	- 0.6	94	6	43	26	45	4	0	0	0	6.11	4.14	3.67	12	.0	0		10	2	1
JAMESTOWN CAA AP	R//	78.9	55.7	67.3		94	6	42	26	54	3	0	0	0	3.28		1.05	12	.0	0		7	2	1
JAMESTOWN STATE HOSP		80.2	57.5	68.9	- 0.3	95	6	42	26	36	4	0	0	0	3.69	1.56	1.15	12	.0	0		7	3	1
KENSAL WILOLIFE REFUGE		80.4	55.7	68.1		92	7	39	26	41	4	0	0	0	4.89		2.07	13	.0	0		6	2	2
MC CLUSKY		80.4	56.3	68.4	0.1	98	6	42	26	50	6	0	0	0	2.30	.39	.49	27	.0	0		8	0	0
MC HENRY 5 N		76.3	54.5	65.4		89	6	39	26	78	0	0	0	0	4.82		1.97	12	.0	0		8	3	2
PETTIBONE		77.8M	56.0M	66.9M	- 1.3	94	6	40	26	65	4	0	0	0	4.02	1.87	1.15	13	.0	0		6	4	1
STEELE		78.9	56.9	67.9	- 0.4	93	6	43	26	46	4	0	0	0	2.24	.20	.60	20	.0	0		7	1	0
DIVISION				67.3	- 0.6										4.28	2.14			.0					
EAST CENTRAL OIVISION																								
AMENIA		79.9	56.5	68.2		92	8	43	26	31	3	0	0	0	2.18		.85	13	.0	0		5	2	0
COOPERSTOWN		78.3	55.3	66.8		90	6	40	26	59	1	0	0	0	4.76	2.19	2.31	30	.0	0		5	2	2
FARGO WB AP	R//	79.7	58.3	69.0	- 0.1	93	8	45	26	35	3	0	0	0	1.68	- 1.05	.66	12	.0	0		4	2	0
HILLSBORO		80.5	56.1	68.3	- 0.7	93	7+	44	5+	33	4	0	0	0	1.12	- 1.70	.60	13	.0	0		3	1	0
MAYVILLE		80.1	57.7	68.9	- 0.9	91	8	45	26	25	2	0	0	0	3.32	.63	1.82	30	.0	0		4	2	1
SHARON		78.2	54.7	66.5	- 1.2	91	6	40	26	65	2	0	0	0	4.27	1.53	1.87	30	.0	0		7	2	2
VALLEY CITY		79.6	56.0M	67.8M	- 1.6	91	6	43	24+	43	2	0	0	0	3.90	1.57	1.32	12	.0	0		9	3	1
DIVISION				67.9	- 1.0										3.03	.49			.0					
SOUTHWEST OIVISION																								
AMIOON	AM	79.6M	53.9M	66.8M		101	7	42	26	71		0	0	0	1.32		.45	9	.0	0		5	0	0
BEACH	AM	80.2	55.2	67.7		98	7	40	23	67	8	0	0	0	.99		.32	9	.0	0		4	0	0
BELFIELO		78.7	52.7	65.7		99	6	39	23+	85	5	0	0	0	2.34		.62	8	.0	0		5	2	0
BOWMAN COURT HOUSE		82.3	54.1	68.2	- 0.6	99	6	41	26	44	8	0	0	0	1.85		.64	8	.0	0		6	1	0
OICKINSON CAA AP	R//	79.7	55.6	67.7		102	6	41	26	60	7	0	0	0	1.91		.74	8	.0	0		3	2	0
OICKINSON EXP STATION	AM	79.8	55.2	67.5	0.4	101	7	42	23	61	5	0	0	0	1.49	- .27	.67	9	.0	0		4	1	0
FAIRFIELO		79.6	55.1	67.4		101	6	40	26	61	6	0	0	0	1.77		.90	20	.0	0		3	1	0
HETTINGER		80.8M	57.2M	69.0M	- 3.5	100	6	44	26	40	6	0	0	0	2.02	.20	.80	8	.0	0		4	1	0
MARMARTH	AM	82.1M	56.5	69.3M	0.2	100	7	42	23	54	8	0	0	0	2.71	1.06	.90	18	.0	0		5	2	0
MEOORA 3 NNE		84.4	55.9	70.2		103	6	39	23	37	9	0	0	0	1.49		.59	21	.0	0		4	1	0
MOTT		80.4	55.7	68.1	- 1.0	102	6	42	26	53	6	0	0	0	1.61	.06	.73	8	.0	0		6	1	0
NEW ENGLAND		79.9	55.4	67.7	- 1.7	100	6	42	26	54	6	0	0	0	1.92	.34	.75	8	.0	0		6	2	0
RICHAROTON ABBEY		81.8	56.5	69.2	0.4	103	6	40	26	46	9	0	0	0	1.42	- .37	.67	8	.0	0		4	1	0
OIVISION				68.0	- 0.7										1.76	.00			.0					
SOUTH CENTRAL OIVISION																								
ALMONT 7 SW		81.4	57.5	69.5		103	1	42	26	41	7	0	0	0	2.62		.89	12	.0	0		6	2	0
BISMARCK WB AP	R//	81.1	58.0	69.6	0.3	104	1	45	26	44	6	0	0	0	1.58	.08	.49	12	.0	0		4	0	0
CARSON NO 2	AM	80.8	56.3	68.6	- 0.8	102	2	43	23+	57	7	0	0	0	1.76	.25	.49	9	.0	0		5	0	0
FORT YATES	AM	81.5M	58.4M	70.0M	- 0.5			43	26	46	6	0	0	0	.72	- 1.02	.42	27	.0	0		3	0	0
LINTON		83.8	58.0	70.9	0.0	101	1	42	24	27	8	0	0	0	2.11	.26	.52	8	.0	0		8	1	0
MANOAN EXP STATION	AM	81.5	56.2	68.9	- 0.3	102	2+	43	26+	53	6	0	0	0	1.68	- .08	.61	13	.0	0		6	1	0
MANOAN FT LINCOLN PARK		84.2	53.1	68.7		104	1	41	26	50	7	0	0	0	1.63		.42	14	.0	0		6	0	0
MOFFIT 4 SE		82.5	55.5	69.0		99	6+	40	24	46	7	0	0	0	1.50		.55	30	.0	0		5	1	0
NEW SALEM 1 S		80.2	54.8	67.5	- 1.4	101	1+	40	26	54	6	0	0	0	2.89	1.09	1.05	29	.0	0		5	2	1
OIVISION				69.2	- 0.5										1.83	- .02			.0					
SOUTHEAST OIVISION																								
ASHLEY		79.1	55.5	67.3	- 1.1	94	1	38	24	62	3	0	0	0	3.98	1.79	2.19	8	.0	0		8	1	1
EOGELEY EXP FARM	AM	78.1	55.2	66.7	- 2.3	92	13	43	24+	63	2	0	0	0	3.02	1.08	1.37	13	.0	0		8	1	1
ELLENOALE		80.5	57.7	69.1	- 0.8	93	12	45	26	40	5	0	0	0	2.22	- .27	.45	30	.0	0		7	0	0
ENOERLIN	AM	78.0	52.6	65.3		90	1+	40	18	69	3	0	0	0	4.26		1.90	13	.0	0		9	2	1
FORMAN		79.7	57.5	68.6	.	92	6+	45	5	41	3	0	0	0	4.53	2.34	2.17	13	.0	0		7	3	1
FULLERTON		81.3	57.5	69.4	- 0.6	93	8	43	24	33	5	0	0	0	2.47	.26	.88	13	.0	0		8	1	0
GACKLE		78.8	56.0	67.4		93	6	41	26+	56	2	0	0	0	3.19		.85	27	.0	0		7	3	0
GRANO RAPIOS 1 N		80.0	55.6	67.8		91	6+	41	24	50	4	0	0	0	3.62		1.43	13	.0	0		8	1	1
HANKINSON R R STATION	AM	77.2	56.9	67.1	- 2.6	90	1	45	26	44	1	0	0	0	4.41	1.98	1.57	13	.0	0		8	3	1
LISBON		79.6	57.5	68.6	- 0.4	90	1	45	5+	34	1	0	0	0	5.36	2.49	1.72	13	.0	0		9	4	2
MC LEOO 3 E		80.6M	57.8	69.2M	- 0.6	90	6+	45	26	15	3	0	0	0	4.18	1.53	1.16	13	.0	0		9	3	1
NAPOLEON		81.3M	57.8M	69.6M	0.5	97	1	44	24+	43	6	0	0	0	3.12	1.17	1.00	27	.0	0		7	3	1
OAKES	AM	77.8	57.7	67.8	- 1.9	90	7	45	24	49	1	0	0	0	2.67	.63	1.05	13	.0	0		9	1	1
WAHPETON STATE SCHOOL		82.0	57.7	69.9	- 1.3	93	1	45	26	23	6	0	0	0	3.08	.05	1.15	13	.0	0		9	2	1
WISHEK	AM	79.4M	52.9M	66.2M	- 1.4	94	2	34	24	79	4	0	0	0	2.62	.84	1.30	9	.0	0		4	2	1
OIVISION				68.0	- 1.4										3.52	1.23			.0					

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
AUGUST 1957

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	3.45	.65	.03						T	.19				1.00	T			.21	.22		.45		T	.32			T	.25	.05	T	.08	T
ADAMS 7 S	3.89	1.37	.08									.32	1.16	.11	.17	.12		.15										.26	.06		.05	.04
ALEXANDER	1.30		.01						.07						.10		.15			.03			.05				.15	.35				.39
ALMONT 7 SW	2.62		.04	T					.38				.89		.17						.16		.30				.01			.63	.04	
AMBROSE 3 N	2.43	T						.42			.15	.06	.04		.15		.20					T					.05	.06	.05		.08	1.17
AMENIA	2.18	.05	.18											.85					.53		.02			.01				.26	.03		.25	
AMIDON	1.32		.03	.04				.14	.06	.45				.02				.13					.13	.02		.03		.05		.08	.12	.02
ARVILLA STATE PARK	4.15											.02	.03	2.95	.33													T			.81	.01
ASHLEY	3.98	.49	.04						2.19	.10				T							.15		.04	.07			.16	.30	T	.29	.01	.14
BALTA	2.73											.63	.77	.09	.77		T									T	.19	.28		T	T	T
BANTRY	6.81											1.54	.15	2.85	.24												.11	.56			.98	.38
BEACH	.99			.03	.03			.03	.05	.32				.03			T	.04	T		.10			.12				.22		.02	T	T
BELCOURT INDIAN RES	6.13	2.85									.03	.73	1.63		.23	.04	.16	T					.01			T	T	.35	.03	.03	T	.04
BELFIELD	2.34			T	.08			.06	.62	T			.08								.52	.10	.06			T	.46	.26	T	.04	.06	
BERTHOLD	1.31											.13	T		.34		.10	.29								.05	.15	.11	T	T	.08	.06
BEULAH	1.21		T						.05	.37				T				T			.51			.05		.02		.05			.03	.13
BISBEE	7.34	.84										.35	4.62		.54	.20	.03	.11					.12			.04	.07	.37				.05
BISMARCK WB AP R//	1.58		.04						.29	.01			.49	.06	.07		T				.26		.18				T	.01		.09		.08
BISMARCK 12 ENE	1.82	.03												.75	.17		.05				.56			.10						T	.16	
BOTTINEAU	1.48	.03										.42		.09	.05	.32			T				T					.13	.23	.02	.02	.17
BOWBELLS	2.88							.04				.12	.11		.15		T	.42									.07	.63	.02		.01	1.31
BOWMAN COURT HOUSE	1.85			.07				T	.64								.12		.28				.18				.12	.04	T	.37	.03	
BOWMAN 9 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWMAN 30 NNW	1.79							.50					.23					T	T	T	.23	.07	.25					.29	.07	.10	.05	
BURT 16 N	2.74			.06					.60											.25			.60				.08	T	.02	.03	1.10	T
BUTTE	1.96									.05		.09		.02	.81			.50								T		.41	.03		.05	T
CARRINGTON	7.21	.04								.08		T	T	2.70	.07	.19		.58			T	.05		T				.01	.17		3.30	.02
CARSON NO 2	1.76			.10						.49				.46				.05			.24			.09				.07		.15	.06	.05
CAVALIER	5.10	1.80	.18									1.26	.14	.40	.47		T	.65					T					.20				T
CENTER	1.50								.50	T				.37							.29		.10			T				.15	.09	T
COLGATE	2.04	.05	.46							.02			.15	.70														.12			.54	
COLUMBUS	1.73							T				.12	.01	.03	.02		.02						.32				.01	.57	.03			.60
COOPERSTOWN	4.76	.20	.44							T		T	.06	1.40	.21						.05						T	.09			2.31	
COURTENAY	4.98	.06												1.94	.42		.05	.15			.47										1.89	
CROSBY	2.27						.55	.03				.17	.02		T		.11								.03		.06	.20	.04		.31	.75
DEVILS LAKE WB CITY R//	4.71	.37							.01			.53	1.45		.43		T	.10					T			.02	.14	.27	T	.14	.01	1.24
DICKINSON CAA AP R//	1.91		.02	.02				.01	.74				.01				T				.37	.06	.03				.07		T	.01	.03	.54
DICKINSON EXP STATION	1.49			T	T			.07		.67				.03				.01			.31		.10	.06			T	.10	T	.03	.06	.05
DONNYBROOK	.97											.16	.08		.05		T	.05									.20	.27			T	.16
DRAKE	2.74									.04		.60		.18	.50	.03		.66				T		.02		.04		.30	.29		.06	.02
DUNN CENTER 2 SW	1.73			.01				.02	.18	.59				.03							.49		.02	.06		T	.02	.23	T	.01	.03	.04
ECKMAN 2 SE	2.37						.18			.89		T	.08			.02	.06							.09		.22	.13	.09		.19		.42
EDGELEY EXP FARM	3.02		.28							.40				1.37	.02			.04			.16			.19				.26	.14	T	.04	.12
EDMORE 1 W	4.12	.51										.60	1.73	T	.40		.26	.27					T				T	.30		T	.05	
ELGIN 5 S	1.77		T		T				.84				.39			T	.09					T	.11				T	.05	.09	.20		
ELLENDALE	2.22	.05	.01	T				.13	.01	.41	T			.28	T				.01	.02	.34	T		.18	T		.02	.30	T		.45	.01
ENDERLIN	4.26	.06	.55						T	.10				1.90	.05	.03		.32	.10			.30		.15				.03	.37	T	.30	
EPPING	3.54	.04						.03	T				.08		.03		.30				1.57	T	T			.03	.09	.35	.03	.02	T	.97
FAIRFIELD	1.77			.01				.03	.48					T							.90	.03	.03				.09	.15	T	.04	.01	T
FARGO WB AP R//	1.68	.02	.21					.10	.01	T	T		.66	T	.05		T	.02			T		.07				T	.53	T	T	T	.01
FESSENDEN	6.11								.24			.26	3.67		.29		.14	.29			.04						T	.31		.50	.20	.17
FLASHER	1.39			T						.51				.41							.15			.07				.02		.16	.07	
FLAXTON	2.78	T						.03				.19	.12		.03		.15						.02				.16	.64	T		.06	1.38
FORBES 13 NW	3.58	.23							1.75	.05				.81							T			.21	T		.10	.35	T	.04	.04	T
FORMAN	4.53	.61						T		.71				2.17	.08			.09			.33			.15			T	.22	.03		.14	
FORT YATES	.72	T		.10													T			.04	T							.42		.12	.04	
FOXHOLM 7 N	1.40											.51	.05		.15			.15					T				.19	.23	T	T		.12
FULLERTON	2.47	.14	.13						.48					.88							.34			.15				.20			.13	.02
GACKLE	3.19	.08							.33	.10				.83	.18						.18		.03				T	.85	.01	.55	.01	.04
GARRISON	1.52									.09			.02	.04	.18			.20			.02			T				.22	.01			.74
GLEN ULLIN 13 N	.94								.55													T								.10	.26	.03
GOLDEN VALLEY 10 S	1.28								.43				.12	T	.18						.39								T	T	.16	T
GRAFTON	3.91	.31	.75					.16				.07		1.48	.29		T	.70										.15	T	T		
GRAND FORKS CAA AP R	5.28	.12							T	T		T	2.67		.16		T	.01									T	.01		.29	.45	1.57
GRAND FORKS UNIVERSITY	4.04	.02	.18										.16	2.42	.23			.01										.06	.01		.88	.07
GRAND RAPIDS 1 N	3.62	.40							T	.33				1.43	.06	.01	T	.18	T		.27		.08	.14	T		T	.46	.08	T	.14	.04
GRANVILLE	4.93											.58	1.75		.63		.04	.03					.05		T		.12	.27	.01		.02	1.43
GRASSY BUTTE 10 N	1.08																						.25				.10	.65	T	.05	.03	T
GRENORA	2.30							.03									.86									.10	*	.33		T	.98	T
HAGUE	2.68	T	.01						1.35	.13				T			.01			.01	.29		.10	.05		T	.15	.3		.17		.03
HALLIDAY	1.29								.47												.65						.17					
HANKINSON R R STATION	4.41		.82						.05	.75				1.57		.25		.04	.15		.24	.10		.08				.09	.05			.22
HANNAH	4.73	.73	.92	T								1.24	.60	.02	.25	.01	.27	.20	.01									.45	.03		T	
HANSBORO	4.77	1.33										.79	1.13		.08		.91	.06					T			T	T	.47				T
HARVEY	4.66										.14	.45	1.87	.05			.16	.37		.10								.58	.40		.26	.28
HETTINGER	2.02		.05						.80								.40		.05				.30							.38	.04	
HILLSBORO	1.12	T						T					T	.60	.26			T	T		.09		.12					.02		.03		T
JAMESTOWN CAA AP R//	3.28	.09	.03						.14	.01			1.05		T		.33	.46			.20		.02				T	.13	T	.05	.76	.01
JAMESTOWN STATE HOSP	3.69	.11							.16				1.15		.06			.80			.44		.02					.14			.76	.05
KEENE 2 S	1.29													.40			.31	.01			.28						•	.28				.01
KENMARE	1.69											.10	.01	.02	.07			.42					.06			.04		.75	.10	T	.02	.10
KENSAL WILDLIFE REFUGE	4.89										.35	.01		2.07	.23		.01	.24			.19	T				T					1.76	.03
KILLDEER 8 NW	2.01								.94													T	.45			.25	.17	T	T	.05	.15	
KULM	1.56	.21								.40				.71													.03	.09	.05	.03	.04	
LANGDON EXP FARM	5.40	.86	1.04									1.05	.60	.35	.75		.10	.25						.04				.32	.04			
LANSFORD	2.30							.10				1.05			.05			.30					T			.15	.17	.32	.01	.02	.01	.12
LARIMORE	4.29											T	.09	2.37	.23		T	.33										.34	T		.93	T
LEEDS	3.47	.13										.80	1.81	.07	.14	.11											.15	.26				
LEFOR 10 E	1.50			.08				T	.80				.03	T		T	.01				.11		.30				.03		T	.04	.10	T
LINTON	2.11								.52	.04			.15	.15							.49	.02	.18	.02			.22	.18		.14		
LISBON	5.36	.96							.07	.14		-		1.72	.52			.31			.14			.15				.25			1.10	
LITCHVILLE	5.32	.27								.21				1.35	.17			.41			1.65		.01	.02			T	.52	T	T	.69	.02
LOSTWOOD 12 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	T	.88				.01	T		T		.27	.74	T	T		
MADDOCK AGR SCHOOL	3.47									T	.02	.51	1.62		.54		T						T				.16	.30			.22	.10
MANDAN EXP STATION	1.68		.02							.32				.61	.13			.01			.23			.13				.07	T	.04	.12	T
MANDAN FT LINCOLN PARK	1.63		.10	T					.36				.37	.05	.42								.12					.02		.08	.11	T
MARMARTH	2.71			.04	.02				.05	.83						.04		.05	.90	.05			.35	T		T		.13		.25	T	T
MARTIN	3.10										.13	.37	.96		.65		.12	.35										.35			.17	
MAX	2.90									T				T	.20			.53										.55	.06		.04	1.52
MAYVILLE	3.32	.07	T					T	T	T	.07	T	.72	T	.19		.09	T			.18		T					.05		.04	1.82	.09
MC CLUSKY	2.30								.24	.03		.10	.07	.09	.10		.12	.35			.16		.05					.49			.43	.07
MC HENRY 5 N	4.82	.60	.17						.05		.07	.02	1.97	.08	.21						T		.04	.01			.05	.23		.10	1.04	.18
MC LEOD 3 E	4.18	.48						.08		.28				1.16	.28			.40	.55		.15			.56					.18		.06	
MC VILLE	4.08	.10	.05						T		.02	.04	.12	1.90	.12		T	.02					.13				.09	.32	.01	T	1.13	.03
MEDINA	2.65								.14	.08				1.05				.38				.65		.06				.17			.11	.01
MEDORA 3 NNE	1.49							.14	.08													.59	.08				.43	.15	.02	T	T	
MEDORA 23 NNW	1.74								.38	.25										.26		.47						.35		.03		
MINOT CAA AP	3.68	T					.01	T	T		.07	.86	1.18	T	.71	T	.07				T		.02		T		.17	.21	T	.01	.32	T
MINOT EXP STATION	2.52											.93		.12	.18		.03	.42			T			T				.40	.06	T	.06	.32
MOFFIT 4 SE	1.50								.10	.15				.05	.22						.28		.06	.03			T	.03	T	.03	.55	T
MOHALL	2.39	.02										.50	.04		.08		T	.67					.02				.18	.3	.08	T	.04	.40
MONTPELIER	3.54	.43	T						.02	.04				1.00	.70			.36			.22		.03	T			T	.51	.02	T	.17	.04
MOTT	1.61			.10					.73				T				.10						.31				.13		T	.16	.06	.02
MUNICH 4 SW	5.38	1.50									T	.80	1.34		.50		.27	.37					.10				.06	.38			.02	.04
NAPOLEON	3.12								.16	.02				.81	.25						.55		.07				.10	1.00		.16	T	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3–Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	1.92		.02	.08				.10	.75				T				.14					.51	.06							.12	.14	T
NEW ROCKFORD 7 WNW	3.79								T	.03		.31	1.34	.12	.22		.08						T	T		.11	T	.27		T	.79	.52
NEW SALEM 1 S	2.89		.08						.32				.05	.05	.62						.28		.40				T	T	.01	1.05	.03	
NEWTOWN	1.19							T	T				.12		.42		.16				.12		T				.25	.07		T	.05	
NOONAN	1.42											.10	.18									.38					.13	.36				.27
NORTONVILLE	3.32	.33							.20					1.31	.16		.12												1.20			
OAKES	2.67	T	.15	T					.12	.41				1.05							T	.15		.14				.10	.09		.23	.23
PARK RIVER	3.18	.41	.41									.23	.25	1.34	.31		.01	.03										.16			.03	T
PARSHALL	3.05							T	.01				.37	.01	1.23		.20				.55		.20				.27	.12		T	.07	.02
PEMBINA 2 N	2.57	.62	.10	T								.91	.26	.27	.19			T										.22				
PETERSBURG	4.24	.07						.09				.15	.46	1.84	.19		T	.13					T					.24			.47	.60
PETTIBONE	4.02	.04	.03							.07				1.15	.11		.03	.85			.87							.22			.62	.03
PINGREE	3.44	T	T						T		.07			1.33	.23		T	.25			.38						T	.10		.03	1.05	T
PORTAL	2.33							.10				.23	.07	.05	.02	.18	.03	.38					.25			T		.56	.14		T	.32
POWERS LAKE 1 N	1.55							.10														.07				.05	.37	.45	T	T	.05	.46
PRETTY ROCK	2.44			.18	T			T	1.25				.13			T	.28						.14				.08	T	.04	.34	T	T
RAUB 10 SSW	1.77							T	.37				T	.81			.10				.08						.25	.16		T	T	T
REEDER	1.76			.08					.84				T				.15	.10					.20				.07			.28	T	.04
REEDER 14 N	1.64			.25						.54							.03	.18		T			.03	.22				.03	.12	.22	.02	
RICHARDTON ABBEY	1.42			.01	T			T	.67				.02		.07		T				.31		.04				.12	.01	T	.04	.11	.02
RIVERDALE	1.21								.01	.14				.06	.54		T	.03			.17			T		T		.19	.06	T	.01	T
ROLLA	7.92	3.14										1.36	1.70	.39	.49	.02	.32	.01					T				.06	.38	.02	.03		
RUGBY	4.05	T										1.09	1.76	.02	.54		T							.05		.09	.16	.27	.02		T	.05
RYDER	1.28								.05	T		T	T	T		T	.30	.10			.11		.10				.29	.18				.15
SAN HAVEN	5.58	1.15									.01	.82	2.76	.02	.10	.06	.02						T			.05	.04	.43	.03		.02	.07
SCRANTON	1.81			.07					.53				T				.10		.06				.50			T	.18	7		.36		.01
SELFRIDGE 11 W	1.37		.02	.03					.45	.02					.02		.27						.26				.19	.02	.02	.07		
SENTINEL BUTTE 20 S	1.40			.07				.05	.37				.05	.05			.09		.12								.25	.35				
SHARON	4.27	.34	.20								T	T	.12	1.30	.18									.03			T	.21			1.87	.02
SHERWOOD 3 N	2.62											.47	.13		.03		T	.34				.01	.24			.01	.10	1.00			T	.29
SHIELDS	1.52		.05						.82				.04				.10						.12				.19			.20		
STANLEY	.85												.10		.14		.07				.15		.02				.10	.15			T	.12
STEELE	2.24		.03						.18				.48	T	.26	1	T	T			.60		T	.10			T	.17	T	T	.42	T
SYKESTON	8.52	T							.03	.06				3.87	.33		.01	.50	T		.10		T			T	T	.25	.02		3.30	.05
TAGUS	.80											.02	.02		.32	.02	.12					T				T	.12	.12		T	.01	.05
TIOGA 1 E	1.43							T						.05	.05		.08				T		.10	T			T	.55	.03	7	.02	.55
TOLLEY	2.10											.28	T	.08			.03					.15					.21	1.35	T			T
TOWNER	1.97											.40	.49		.69								.11	T		T		.22				.06
TROTTERS 6 SE	2.25			T					.50			T	.10				.70				.21	T	.21				T	.06	T	.02	.45	
TURTLE LAKE	1.04								.24	.02				.02	.03		.10	.06			.07							.33	T	.04	.12	.01
TUTTLE	4.02								.17					.82	.06				.15		.55							.34		.10	1.83	
UNDERWOOD	1.60									.24					.55			.05	.01		.24	.01		.03				.22	.02		.16	.07
UPHAM 3 N	2.23											.80	.38		.07											.08	.14	.27		.04		.45
VALLEY CITY	3.90	.20						T	.10		.02	T	1.32	.03	.28		.12	T	T	T	.66		.03	T			.02	.23		.74	.01	.14
VELVA	3.22											.68		.01	.46		.01	.98										.27	.04		.02	.75
VERONA	6.64	.84							.22	.30				3.15	.20			.07			1.20		.03	.15				.34	.01		.12	.01
WAHPETON STATE SCHOOL	3.08	.05	.52						.03	.22				1.15	.04	.10		.10	T		.20			.08				.12	.10		.37	
WALHALLA	5.43	2.00	.67					.02				.74	.57	.25	.27			.61					T					.30				
WARWICK	3.38	T										.10	1.60	.05	.32							.07				7		.45	.79	T	T	T
WASHBURN	1.79								.30	.03	.02		.07	.45	.03		T				.42			.08				.08		.12	.16	.03
WATAUGA 5 OAK 8 N	3.08								1.27								.90						.24		T		.25	T	T	.42	T	T
WATFORD CITY	1.41								.07				.03				.17				.11		.07				.30	.18				.48
WATFORD CITY 14 S	1.41			.05					.15												.07	.18	.42			.18	.15	.10	T	T	T	.11
WESTHOPE	1.83	.13					.70					.43	.03		.16		T					T	.03				.13	.15	.02			.05
WILDROSE	1.15												.06		.06		.18										.23	.42			.12	.08
WILLISTON WB CITY R//	.76	.03						.06	T				T				.16				.07		7		T		.01	.41	.01		.01	
WILLISTON EXP FARM	1.07							.15									.26				.08						.07	.47	.03		.01	
WILLOW CITY	5.39											.60	3.29		.19	.17							.06			.03	.12	.31				.62
WILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.08		.12	1.14	.07
WISHEK	2.62	.04								1.30				.02							T			.12				.95	T	.19		T
WOODWORTH 5 E	3.65								T		T			1.45	T		.75				.05	T						.15		7	1.25	T
ZAHL	1.46						.46						T		.06	T	.50								.07		.17	.11	T	T	.07	.02

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 1957

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	103	90	81	80	88	101	93	77	83	92	95	94	88	80	78	78	78	76	86	84	85	77	76	81	84	69	63	59	62	72	73	81.4
	MIN	67	64	48	53	55	69	68	59	56	63	64	68	59	63	62	58	54	50	55	56	61	57	46	51	61	42	47	52	54	57	64	57.5
AMENIA	MAX	86	82	75	75	79	91	90	92	86	82	89	85	83	80	75	79	73	79	80	75	81	82	78	77	86	80	62	63	67	78	88	79.9
	MIN	65	65	52	49	48	62	67	59	66	60	62	61	61	53	52	57	63	50	51	60	55	55	57	47	55	43	53	52	53	58	60	56.5
AMIDON	MAX		93	92	78	80	92	101	85	75	80	75	97	88				80	78	72	86	87	91	68	75	85	80	55	65	62	62	68	79.6
	MIN		59	51	49	57	65	57	58	52	60	59	60	62				50	54	50	53	58	58	44	50	53	42	43	46	55	51	58	53.9
ARVILLA STATE PARK	MAX	95	90	80	83	83	94	95	92	94	95	87	89	85	85	79	77	80	84	85	85	84	82	75	82	85	82	61	67	67	71	80	83.0
	MIN	62	63	41	41	35	63	69	54	62	53	56	60	61	55	53	48	40		47	51	52	63	49	39	58	40	49	51	48	57	61	52.7
ASHLEY	MAX	94	81	75	72	82	92	89	87	82	85	87	90	84	87	75	77	77	73	80	78	81	76	72	77	85	69	56	59	66	76	87	79.1
	MIN	65	63	53	46	52	62	66	56	60	59	60	65	62	59	49	53	52	46	51	60	60	59	50	38	55	44	47	51	54	59	65	55.5
BEACH	MAX	95	92	80	72	80	91	98	85	72	82	95	95	81	90	85	80	74	80	74	89	87	93	65	78	88	80	51	60	59	67	69	80.2
	MIN	68	61	53	55	59	65	58	61	53	59	63	64	55	55	50	61	45	55	53	53	61	58	40	50	55	43	44	49	51	56	57	55.2
BELCOURT INDIAN RES	MAX	90	73	69	72	77	89	89	81	85	85	79	65	79	77	75	65	72	75	77	79	78	74	72	75	74	67	53	61	61	66	69	74.3
	MIN	49	60	45	48	49	61	67	50	48	52	56	52	59	52	51	54	48	42	42	53	57	61	44	41	55	38	46	49	41	55	60	51.1
BELFIELD	MAX	92	86	74	77	89	99	91	79	79	90	93	84	87	83	79	71	70	73	87	93	89	70	72	84	78	65	61	56	59	68	71	78.7
	MIN	62	61	48	52	59	57	56	53	49	59	62	65	55	55	49	49	53	45	53	51	61	57	39	45	52	39	45	45	46	55	57	52.7
BEULAH	MAX	97	100	83	78	78	88	101	89	79	85	95	89	91	90	85	81	80	78	76	87	85	87	79	77	85	83	57	59	60	62	72	81.8
	MIN	63	64	49	49	52	62	67	63	54	55	65	66	60	61	49	50	47	43	45	54	59	61	42	43	53	43	43	43	52	54	59	55.9
BISBEE	MAX	88	74	68	72	79	92	87	83	89	90	81	64	81	80	80	70	71	76	79	80	80	77	72	78	77	59	54	62	64	71	70	75.7
	MIN	65	62	47	46	44	63	69	55	50	54	54	49	61	58	52	56	52	50	56	57	56	62	49	47	45	38	48	48	48	57	61	53.5
BISMARCK WB AP	MAX	104	83	79	78	87	101	90	81	85	91	90	97	88	80	79	80	79	76	87	84	84	76	75	83	85	58	58	61	61	76	79	81.1
	MIN	68	63	52	48	58	70	67	59	61	64	65	67	64	63	56	56	53	50	54	62	60	58	51	46	53	45	50	54	55	60	65	58.0
BOTTINEAU	MAX	95	91	77	72	76	84	95	88	85	89	91	71	71	83	82	78	70	76	79	82	84	84	78	77	80	76	52	55	68	66	72	78.3
	MIN	61	58	43	44	51	59	66	50	50	56	58	58	58	56	49	57	50	54	46	61	58	58	46	45	52	38	44	49	48	52	58	52.7
BOWBELLS	MAX	96	81	73	76	87	98	94	86	87	93	85	73	88	86	84	76	73	79	82	89	90	87	78		85	58	54	62	63	64	69	79.9
	MIN	65	54	41	41	41	63	60	51	51	60	56	55	56	55	44	56	48	46	52	58	62	55	41	55	47	39	44	47	52	56	61	52.0
BOWMAN COURT HOUSE	MAX	94	91	78	78	89	99	97	83	78	94	96	93	89	84	80	74	78	76	83	88	90	87	75	83	82	77	66	65	62	69	76	82.3
	MIN	62	56	50	49	56	56	56	55	54	62	61	67	56	59	57	55	49	52	53	52	58	55	49	46	54	41	44	42	51	58	61	54.1
BUTTE	MAX	92	93			79	83	98	89	76	87		92	87	86	80	76			75	81	83	83	77			81	52	55	61	64	66	79.0
	MIN	64	61			45	63	67	56	54	61		51	59	59	51	55	54		46	58	60	63	46			41	46	49	50	55	60	55.0
CARRINGTON	MAX	89	87	79	75	73	78	92	86	82	87	86	85	83	81	75	76	68	75	75	79	78	81	80	73	78	80	60	55	60	65	65	76.9
	MIN	64	62	49	43	49	54	65	56	60	56	62	61	61	62	54	51	53	48	47	54	58	62	50	43	51	40	41	50	50	53	59	53.8
CARSON NO 2	MAX	93	102	80	79	79	89	100	90	78	82	92	94	95	86	86	77	76	78	75	85	85	84	71	74	81	83	55	61	60	62	72	80.8
	MIN	69	63	52	55	56	64	67	61	55	56	63	67	61	64	55	55	51	54	54	57	60	62	43	45	56	43	44	50	50	53	60	56.3
CAVALIER	MAX	85	78	74	72	80	90	90	88	88	89	83	72	82	81	75	73	73	80	82	80	84	81	75	79	81	78	62	63	66	73	77	78.5
	MIN	60	64	51	49	44	62	68	58	59	56	58	58	61	56	54	53	53	52	55	51	56	65	59	47	57	42	51	53	54	58	60	55.6
CENTER	MAX	103	91	87	88	86	100	88	78	84	90	86	91	95	80	79	78	73	76	86	85	89	79	75	82	82	74	64	64	61	76	72	82.0
	MIN	63	62	46	47	50	65	65	54	54		67	64	60	60	50	52	49	44	45	58	59	57	45	41	52	41	52	51	55	56	62	54.1
COOPERSTOWN	MAX	88	79	75	74	77	90	89	86	86	86	82	84	82	81	76	73	75	78	81	78	82	77	72	78	83	79	57	63	65	68	83	78.3
	MIN	61	63	47	45	49	62	69	59	62	57	62	62	63	61	52	52	53	47	47	59	56	64	50	44	56	40	49	51	52	58	62	55.3
CROSBY	MAX	96	81	73	78	89	99	84	83	87	88	83	71	86	85	79	79	78	80	85	89	95	89	79	91	84	57	56	63	63	65	77	80.4
	MIN	66	56	44	52	59	71	58	58	52	61	56	55	53	55	47	56	47	47	52	54	64	58	41	49	56	38	43	43	55	56	60	55.5
DEVILS LAKE WB CITY	MAX	90	79	71	73	80	92	90	85	87	89	71	82	82	78	75	66	75	77	81	80	82	79	72	78	80	56	55	59	66	69	70	76.4
	MIN	62	57	49	45	48	66	69	58	58	59	60	61	62	58	55	54	51	49	55	61	58	58	52	50	47	41	49	52	54	58	63	55.5
DICKINSON CAA AP	MAX	95	82	75	79	92	102	87	76	81	94	94	90	90	85	79	71	80	74	87	83	89	71	75	82	80	52	61	58	61	69	78	79.7
	MIN	68	59	53	54	59	68	62	58	54	62	62	62	57	58	57	56	50	55	52	57	61	49	46	49	48	41	47	50	54	58	59	55.6
DICKINSON EXP STATION	MAX	93	94	80	75	79	92	101	85	74	82	85	94	88	89	83	80	75	80	76	86	82	81	73	75	85	81	53	61	59	62	70	79.8
	MIN	68	62	51	52	59	61	60	60	53	63	63	63	58	58	53	56	48	54	53	55	61	58	42	51	52	43	43	48	52	52	59	55.2
DRAKE	MAX	91	91	79	75	75	81	95	89	85	85	90	80	84	83	80	75	66	75	75	79	82	82	78	74	80	80	51	55	62	65	65	77.6
	MIN	65	61	49	46	52	59	68	59	54	60	60	62	61	61	52	55	54	48	54	53	59	62	46	47	54	43	45	49	51	55	60	55.0
DUNN CENTER 2 SW	MAX	95	93	78	79	79	90	102	85	72	81		90	87	88	84	81	78	78	78	85	84	92	70	77	86	76	52	57	58	61	70	79.5
	MIN	66	63	52	53	58	65	64	63	54	60	65	64	60	65	54	57	54	51	50	60	60	59	48	48	59	43	43	48	55	54	86	56.4
ECKMAN 2 SE	MAX	90		75	73	82			87				83	81	80	78	73	74	78	81	85			83	77			61	66	68	66	71	
	MIN	58		45	42	51	64		59	58	57	59	57	55	49	51	51	49	41	49	59			49	40		48	51	51	57	54	60	50.6
EDGELEY EXP FARM	MAX	89	85	80	76	73	79	91	87	88	82	86	86	92	85	78	76	74	76	76	79	76	82	80	73	77	86	57	56	59	64	75	78.1
	MIN	69	65	53	47	45	59	67	55	62	55	63	60	62	61	51	52	51	50	47	60	57	62	55	43	54	43	44	51	53	56	60	55.2
EDMORE 1 W	MAX	87	75	70	71	78	92	86	85	87	87	78	77	80	77	75	67	74	78	78	77	80	78	72	76	77	69	55	59	65	70	70	75.8
	MIN	60	60	44	42	42	61	65	51	52	53	56	62	60	55	50	52	47	45	46	54	53	61	47	44	56	37	47	50	51	55	59	52.2
ELLENDALE	MAX	90	85	79	75	79	90	86	91	86	86	90	93	88	85	76	80	79	77	80	80	83	80	73	77	88	67	56	60	69	79	89	80.5
	MIN	70	65	56	50	50	65	69	62	63	57	60	64	63	61	55	57	57	51	49	60	58	63	55	47	56	45	50	52	55	59	65	57.7
ENDERLIN	MAX	90	81	81	75	74	78	90	90	88	85	84	87	81	82	80	78	75	78	78	79	71	80	80	74	77	86	62	60	61	62	72	78.0
	MIN	64	62	50	46	43	49	62	58	59	51	55	63	58	61	50	50	55	40	47	51	55	59	53	43	49	41	43	50	50	54	59	52.6
FAIRFIELD	MAX	92	80	79	78	90	101	84	80	80	93	92	86	88	83	79	75	89	74	86	82	91	79	75	85	77	62	55	57	60	68	71	79.6
	MIN	65	58	50	50	58	68	59	59	52	63	62	64	55	58	53	55	52	53	52	55	60	56	48	50	49	40	45	49	52	56	61	55.1
FARGO WB AP	MAX	88	84	76	74	80	90	88	95	86	87	89	85	83	77	80	76	78	78	82	79	82	81	71	76	86	63	63	63	67	75	90	79.7
	MIN	68	59	52	48	50	64	70	61	66	62	66	62	62	59	53	52	57	51	54	61	60	64	57	49	60	45	54	53	58	62	67	58.5
FESSENDEN	MAX	90	84	77	75	80	94	90	85	88	90	87	85	82	78	80	78	76	75	81	80	82	82	76	80	82	78	65	60	68	65	72	79.5
	MIN	65	61	58	48	50	66	70	63	55	57	55	54	56	55	53	55	53	48	56	59	58	62	48	47	57	43	48	45	45	58	61	55.1
FORMAN	MAX	88	89	81	74	81	92	87	91	84	87	89	86	81	80	79	74	77	76	80	75	82	81	73	73	85	68	58	61	72	75	92	79.7
	MIN	64	65	55	50	45	63	74	65	65	57	59	69	62	60	60	59	58	52	50	61	59	59	53	46	55	46	52	53	53	55	58	57.5
FORT YATES	MAX	91		86		80	84	98	92	89	83	88	92	94	86	87	77			77	85	88	84	74		82	86	55	58	61	65	77	81.5
	MIN	68		55		56	64	72		61	61	66	68	62	66	54	54		53	54	63	60	63	51		54	43	47	51	54	57	61	58.4
FOXHOLM 7 N	MAX	96	83	74	79	87	100	100		90	95	94	75	88	88	82	75	75	79	83	89	90	87	79	85	75	56	57	65	67	67	76	81.2
	MIN	65	59	44	43	51	63	65		48	52	58	53	57	54	50	55	50	44	49	59	60	60	47	57	54	42	46	51	52	51	63	55.4
FULLERTON	MAX	88	82	78	76	80	91	89	93	85	88	88	92	90	85	77	79	79	82	78	78	83	80	75	79	88	79	58	62	68	80	90	81.3
	MIN	70	64	64	47	47	65	69	61	63	56	65	60	63	62	52	55	57	55	48	60	56	63	56	43	55	45	51	53	56	59	64	57.5
GACKLE	MAX	87	84	79	75	75	93	89	87	88	86	87	90	85	78	78	78	78	76	80	78	82	76	74	80	84	68	57	54	61	71	86	78.8
	MIN	62	64	54	48	54	63	64	62	59	62	64	63	62	62	54	54	55	48	49	58	59	62	54	45	49	41	49	41	53	58	64	56.0

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	95	96	81	82	77	85	101	89	76	85	93	88	88	87	87	78	70	76	78	84	84	87	83	76	83	82	50	56	58	66	65	80.
	MIN	68	62	48	45	47	50	65	60	54	59	54	63	59	60	49	56	51	45	47	50	60	53	45	50	58	42	43	49	52	52	55	53.
GRAFTON	MAX	92	88	78	71	80	91	91	88	87	87	87	79	82	82	77	77	72	78	80	79	83	83	75	78	80	79	61	65	67	73	78	79.
	MIN	60	61	51	47	44	64	68	57	63	57	61	60	62	58	56	52	52	50	51	51	64	53	45				51	48	54	58	61	55.
GRANO FORKS CAA AP	MAX	94	82	71	72	84	92	93	90	90	88	76	86	83	74	77	69	81	79	85	80	84	80	72	81	85	63	60	67	68	73	82	79.
	MIN	65	56	48	44	43	65	68	60	65	57	64	62	60	60	54	51	50	48	50	57	57	62	51	46	52	43	53	53	56	58	63	55.
GRAND FORKS UNIVERSITY	MAX	93	83	74	72	80	91	93	90	89	87	81	86	83	77	76	70	78	79	82	77	83	79	73	80	86	76	60	65	68	73	82	79.
	MIN	64	62	46	43	44	64	67	58	62	54	63	60	58	57	53	49	48	47	48	55	55	62	50	44	57	41	50	50	54	57	61	54.
GRANO RAPIDS 1 N	MAX	90	84	79	76	80	91	91	90	86	88	88	89	82	80	80	76	79	78	80	78	84	75	73	78	85	77	57	59	63	75	89	80.
	MIN	68	64	52	47	45	62	68	54	62	54	60	64	62	62	50	51	56	50	45	61	61	62	57	41	53	43	49	47	53	57	65	55.
GRANVILLE	MAX	92	79	78	76	84	98	91	83	89	93	94	72	85	81	72	71	71	77	82	85	84	78	76	76	78	62	56	65	66	67	72	78.
	MIN	65	60	46	44	53	68	65	52	52	62	58	61	60	59	52	58	56	45	49	61	68	60	46	46	58	43	47	52	50	59	62	55.
GRENORA	MAX	94	93	75	80	92	99	82	81	88	91	85	75	90	85	80	78	77	79	85	89	96	93	78	91	75	58	62	71	71	64	75	81.
	MIN	70	59	52			69		59		69	63	62		61	58	56	55		58			58			52	43	46	45	55	57	60	
HANKINSON R R STATION	MAX	90	80	82	76	71	76	88	87	89	83	83	85	81	80	79	77	78	73	75	78	72	79	80	70	75	83	61	60	61	68	72	77.
	MIN	70	64	56	53	49	55	55	65	65	58	62	62	58	60	57	55	58	54	51	60	58	60	59	52	55	45	46	51	52	56	62	56.
HANNAH	MAX	89	74	71	69	78	89	86	82	85	87	76	65	78	76	75	68	70	75	78	78	80	76	70	76	70	60	58	63	62	68	73	74.
	MIN	61	61	45	44	43	61	65	51	56	55	55	54	59	51	50	52	51	45	47	50	55	63	46	45	56	36	47	49	46	55	59	52.
HANSBORO	MAX	85	74	66	71	79	90	85	82		89	67	65	81	80	75	64	72	78	78	79	80	76	71	78	76	59	57	64	65	68	74	74.
	MIN	60	54	46	45	44	59	66	53		50	55	55	59	53	50	53	48	47	51	53	55	56	46	44	49	37		46	45	55	61	51.
HETTINGER	MAX	98	87	78	78	89	100	90	77	88	92	93	93	88	81	77	73	75	69	84	84	88	77	73	80	81		66	59	62	71	73	80.
	MIN	68	64	54	55	59	69	66	57	57	64	64	66	59	59	59	54	53	54	53	56	60	53	47	51		44	46	49	56	56	63	57.
HILLSBORO	MAX	90	86	76	74	79	91	93	93	88	86	84	85	84	83	77	76	80	80	82	80	82	80	74	80	86	81	62	64	66	76	78	80.
	MIN	66	64	50	48	44	64	69	58	66	58	65	60	60	61	55	52	54	53	51	53	53	63	54	48	58	44	53	52	55	52	55	56.
JAMESTOWN CAA AP	MAX	85	84	79	76	81	94	92	90	87	88	88	86	86	73	80	72	78	77	80	75	83	76	75	79	85	61	56	62	62	69	86	78.
	MIN	65	57	51	46	46	65	65	57	62	55	65	63	63	56	52	52	57	49	47	60	58	61	53	44	54	42	51	52	56	59	63	55.
JANESTOWN STATE HOSP	MAX	90	89	83	77	80	95	89	91	87	89	88	90	84	84	78	72	77	75	78	73	82	76	72	80	82	75	58	67	66	74	86	80.
	MIN	70	66	51	48	50	66	69	58	64	55	65	65	63	63	53	53	58	50	47	61	60	65	55	45	56	42	51	52	55	60	65	57.
KENMARE	MAX	97	92	75	72	78	85	97	85	77	87	94	73	72	88	85	78	78	75	80	84	90	89	70	78	86	74	48	55	63	65	65	78.
	NIN	63	54	43	45	50	58	62	50	52	57	55	55	55	51	43	49	49	46	55	58	60	55	43	47	53	40	40	46	48	53	56	51.
KENSAL WILDLIFE REFUGE	NAX	91	84	84	72	78	91	92	88	90	85	88	85	86	84	79	77	79	79	83	81	81	81	78	78	85	80	60	61	66	66	79	80.
	MIN	69	64	50	48	48	65	66	55	57	55	64	63	61	61	50	52	55	46	45	59	58	64	53	47	56	39	51	52	53	59	63	55.
LANGDON EXP FARM	MAX	88	75	70	70	77	90	87	85	87	86	82	69	80	77	75	67	70	75	78	76	79	75	72	77	79	70	55	60	61	70	72	75.
	MIN	58	60	43	40	44	57	63	50	51	55	53	52	57	52	47	50	48	43	45	53	53	60	42	43	54	36	45	45	48	53	56	50.
LARIMORE	MAX	96	84	76	74	82	95	93	90	90	89	83	89	85	80	78	75	83	80	82	80	85	80	74	80	85	72	60	69	70	72	80	81.
	NIN	64	64	48	44	41	62	69	60	64	56	62	61	63	60	54	51	52	48	49	60	56	64	51	45	57	41	50	46	54	52	62	55.
LEEDS	NAX	90	85	73	75	80	94	94	86	87	87	83	76	81	79	79	72	75	77	81	81	80	77	74	78	78	66	54	62	69	70	69	77.
	MIN	62	60	45	41	45	65	69	49	50	55	59	60	60	55	53	55	53	44	52	58	58	62	45	48	57	39	47	50	50	58	61	53.
LINTON	NAX	101	88	83	81	86	100	94	90	86	90	92	95	90	85	80	82	84	78	88	85	82	75	75	83	87	84	58	62	65	80	89	83.
	MIN	70	58	54	48	48	67	69	59	60	62	65	67	60	65	54	55	54	51	55	69	65	62	50	42	57	47	50	54	55	62	64	58.
LISBON	MAX	90	81	81	76	77	89	89	88	85	85	85	86	83	82	80	78	76	76	79	78	81	81	75	76	83	82	59	62	64	74	88	79.
	NIN	67	65	54	49	45	60	74	59	64	59	59	65	63	62	54	52	58	52	48	61	58	62	56	45	56	45	52	53	56	61	67	57.
LOSTWOOD 12 N	MAX														84	79	75	73	76	80	88	88	85	75	85	79	62	54	62	63			
	MIN														64	45	53	50	43	50	55	60	56	41	45	55	38	42	41	50			
MADDOCK AGR SCHOOL	MAX	90	84	77	75	80	95	91	85	87	90	83	81	82	79	78	72	77	76	80	80	80	80	76	80	82	77	55	62	66	66	70	78.
	MIN	64	62	47	44	47	63	69	52	55	53	61	60	62	59	53	53	52	47	47	58	57	60	43	44	47	42	47	52	48	53	62	55.
MANDAN EXP STA7ION	MAX	97	102	81	77	78	88	102	89	82	85	91	92	96	87	81	79	79	79	76	87	83	84	76	74	83	84	59	58	61	62	75	81.
	MIN	63	64	52	47	55	68	69	59	59	59	64	66	62	62	55	55	52	49	49	61	57	61	49	45	56	43	43	50	53	56	60	56.
MANOAN FT LINCOLN PARK	MAX	104	98	88	78	88	103	98	80	85	92	93	100	88	87	89	83	87	79	86	82	78	78	78	83	85	68	67	62	67	74	81	84.
	MIN	63	64	50	45	43	62	64	62	57	60	62	63	60	59	54	53	49	48	49	56	57	56	47	42	46	41	42	43	51	48	51	53.
MARMAR7H	MAX	97	94		76	82	96	100	88	73	82	98	99	86	92	84	83	78	81	73	85	89	93	68	77	87	80	53	67	63	65	74	82.
	MIN	70	64	56	53	62	67	58	62	55	64	58	72	54	57	56	59	46	54	57	55	58	61	42	45	54	48	46	50	51	57	62	56.
MAX	MAX	92	93	78	74	74	83	94	87	74	83	92	86	89	88	80	76	67	75	75	81	84	82	75	75	82	78	50	55	61	63	64	77.
	MIN	64	60	49	47	55	62	64	57	53	59	60	60	59	59	51	57	50	45	47	59	58	61	48	46	58	40	43	48	51	53	58	54.
MAYVILLE	MAX	90	85	80	75	78	86	86	91	86	86	87	84	84	80	79	76	76	77	80	80	82	77	73	78	88	80	69	66	65	71	87	80.
	MIN	67	63	52	49	50	63	68	61	64	63	65	62	61	64	52	52	56	50	53	62	57	64	53	51	58	45	52	52	55	60	64	57.
MC CLUSKY	MAX	97	93	77	77	83	98	94	86	86	91	86	93	88	80	79	71	75	84	82	83	83	78	75	82	82	75	56	60	64	64	70	80.
	MIN	70	62	48	48	53	66	68	59	58	60	62	63	61	60	52	55	53	51	46	61	59	61	49	46	61	42	48	51	53	57	62	56.
NC HENRY 5 N	MAX	86	78	72	73	76	89	86	85	85	85	79	84	81	74	75	70	76	76	78	77	80	82	73	77	81	65	56	60	66	68	73	76.
	MIN	66	62	46	44	45	61	65	57	60	54	60	62	62	58	52	52	50	48	50	58	57	63	50	47	57	39	48	49	49	58	62	54.
MC LEOO 3 E	MAX	84	84	78	76	77	90	87	90	85	85	88	82	83	80	79	75	79	77	79	72	80	80	75	76	85	77			69	74	90	80.6
	MIN	65	64	53	47	50	62	71	61	65	56	62	64	62	61	54	62	58	51	50	60	59	62	56	47	56	45	52	54	56	61	66	57.
MC VILLE	NAX	91	82	81	81	79	92	91	89	89	89	77	86	82	75	76	71	77	77	80	79	81	82	72	78	83	75	57	63	67	69	73	78.8
	NIN	63	63	45	42	44	62	69	54	57	55	54	54	64	59	52	51	50	47	46	60	56	64	49	44	56	40	49	54	50	58	62	54.0
MEOORA 3 NNE	MAX	96	89	78	82	94	103	97	84	84	96	97	97	97	88	83	78	83	79	89	87	95	82	77	88	84	74	60	67	62	71	75	84.
	MIN	69	65	52	58	60	72	60	56	50	67	65	69	54	57	49	63	44	52	48	53	63	58	39	42	49	44	48	52	54	60	62	55.9
MINOT CAA AP	MAX	93	77	73	75	85	100	88	76	85	92	75	72	85	80	76	67	75	76	80	85	83	75	76	82	77	49	54	64	63	65	70	76.5
	NIN	64	57	47	46	53	69	64	56	53	64	56	60	59	58	52	57	52	49	55	60	62	56	46	55	47	41	48	52	51	57	63	55.1
MINOT EXP S7ATION	MAX	93	94	78	74	75	86	98	88	75	86	91	76	76	81	80	74	69	75	75	81	85	85	75	76	81	78	50	55	63	65	65	77.5
	MIN	62	58	44	48	49	62	64	50	51	59	54	52	56	55	49	53	49	45	49	51	59	60	43	50	57	40	41	46	49	52	58	52.1
MOFFI7 4 SE	MAX	98	97	81	76	85	99	99	86	86	90	88	94	90	86	79	79	78	76	86	86	85	83	74	82	84	81	58	61	62	75	75	82.5
	MIN	66	65	51	43	53	66	64	56	61	55	60	66	63	61	52	55	47	47	48	60	57	63	49	40	53	45	48	53	54	58	63	55.5
MOHALL	MAX	94	80	72	78	85	97	97	83	88	94	81	74	88	84	82	82	75	77	81	85	89	86	76	85	82	58	55	65	66	67	73	80.0
	MIN	63	57	45	41	52	64	63	50	49	59	57	56	55	54	58	57	49	45	48	48	59	60	44	46	54	38	46	50	51	56	62	52.8
MOTT	MAX	99	85	78	78	91	102	88	75	81	92	94	92	89	80	76	70	77	73	85	86	88	78	74	82	82	70	66	59	62	69	72	80.4
	MIN	65	61	56	53	59	67	66	58	57	61	61	66	57	63	52	52	47	56	51	52	57	60	44	46	54	42	45	50	52	57	60	55.7
MUNICH 4 SW	MAX	87	80	69	70	78	89	85	83	87	86	75	68	79	79	76	70	72	76	78	77	79	78	73	75	78	58	53	61	63	70	70	74.9
	MIN	59	57	43	42	43	61	63	50	52	52	55	56	59	54	49	52	48	44	47	54	53	59	45	44	53	35	45	47	43	54	54	50.7

See reference notes following Station Index.

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	97	95	78		82	95	91	89	85	89	90	93	86	82	80	77	80	75	82	81	86	77	74	80	85	72	58	60	62	76	83	81.3
	MIN	69	64	52		55	67	70	59	60	61	62	66	63	64	56	56	56	49	51	60	60	59	50	44	56	44	49	52	55	59	65	57.8
NEW ENGLAND	MAX	95	81	80	78	91	100	86	74	80	93	95	88	89	81	77	68	78	73	88	86	90	73	76	83	81	57	67	59	63	68	78	79.9
	MIN	61	59	54	54	57	64	59	58	54	60	61	67	63	57	54	53	58	54	50	54	57	55	45	46	55	42	45	49	53	58	61	55.4
NEW SALEM 1 S	MAX	101	81	78	78	87	101	90	76	83	92	90	94	87	81	77	79	78	76	86	83	85	77	75	82	82	64	59	59	60	71	75	80.2
	MIN	63	61	52	50	56	68	65	56	53	60	61	66	58	58	53	52	50	48	48	53	57	53	48	46	59	40	48	50	51	55	60	54.8
NEWTOWN	MAX	93	84	76	76	85	100	98	73	84	92	92	83	87	83	82	74	78	77	83	86	91	82	78	86	82	55	57	62	62	69	72	80.1
	MIN	65	58	46	45	58	67	61	55	46	65	61	61	58	58	51	58	51	46	52	59	59	60	48	50	55	41	46	50	54	55	62	54.9
OAKES	MAX	88	85	81	76	72	78	90	86	88	82	85	87	88	80	81	76	75	75	75	78	75	81	78	72	75	83	59	57	60	68	77	77.8
	MIN	71	65	56	51	48	59	71	63	65	57	62	66	64	64	54	55	58	53	47	60	58	64	56	45	58	46	47	53	53	58	62	57.7
PARK RIVER	MAX	91	82	75	73	80	95	92	89	90	89	88	81	80	80	75	73	74	78	80	80	84	83	75	80	84	79	62	64	68	73	77	79.8
	MIN	63	64	51	48	44	61	61	59	61	63	60	60	62	61	56	53	53	52	54	54	55	64	52	50	57	42	52	52	54	59	62	56.1
PARSHALL	MAX	96	87	75	77	86	103	100	86	85	95	95	84	87	85	83	75	77	78	82	88	88	84	78	85	81	55	57	61	63	66	71	81.1
	MIN	65	51	41	40	55	65	62	49	46	64	62		59	52	49	57	49	44	47	59	60	60	44	47	55	42	46	50	54	57	52	52.8
PEMBINA 2 N	MAX		79	75	72	80	90	90	85	89	89	79	72	83	79	77	75	76	82	84	84	85	81	76	82	84	72	63	66	69	74	81	79.1
	MIN	65	64	49	47	47	64	67	65	56	57	59	58	60	56	54	51	53	48	53	52	58	66	49	46	58	43	51	53	54	56	60	55.5
PETERSBURG	MAX	90	81	72	72	79	91	90	88	88	87	80	84	81	76	76	70	76	77	79	77	81	82	72	77	81	73	55	62	66	67	72	77.5
	MIN	63	62	45	42	44	65	67	60	63	57	60	61	63	59	54	52	51	46	50	59	55	64	48	48	59	39	48	51	51	57	61	55.0
PETTIBONE	MAX	91	80	79	74	80	94	91	81	87	88	85	91	86	80	75	70		74	79	77		80	71	77	79	70	57	59	62	65	74	77.8
	MIN	68	62	55	45	49	65	69	61	60	56	63	63	62	60	53	52		48	48	56		58	59	46	55	40	48	51	53	57	62	56.0
PORTAL	MAX	98	88	71	70	77	86	98	84	80	79	89	70	70	84	82	78	77	78	85	83	88	90	69	77	87	70	48	54	63	65	74	77.8
	MIN	64	54	42	44	51	63	52	50	50		54	54	53	53	45	54	41	48	50	55	61	55	40	46	49	34	40	40	47	51	55	49.8
POWERS LAKE 1 N	MAX	91	85	75	76	86	97	85	80	85					83	76	76	70	78	82	89	90	80	77		78	52	54	63	63	64	68	77.0
	MIN	58	50	39	39	55	65	58	45	47					56	47	53	54	42	46	55	59	63				39	45	45	52	55	58	51.0
RAUB 10 SSW	MAX	96	80			87	102	100	78	85	97	89	87	87	83	82	77	78			86	88	90	76	87	82	61	58	59	60	72	73	81.5
	MIN	68		47		52	69	67	61	57	65	63	61	57	62	52	58	53			53	60	61	50	51	56	43	41	52	55	55	64	56.8
RICHARDTON ABBEY	MAX	96	90	76	78	90	103	97	83	82	94	92	90	90	86	79	78	78	77	87	84	89	83	76	84	82	73	61	58	60	67	72	81.8
	MIN	66	63	53	55	58	66	63	58	56	61	62	67	56	59	56	57	51	54	54	58	60	55	46	49	62	40	46	50	52	57	62	56.5
RIVERDALE	MAX	93	94	78	76	75	83	98	86	77	83	91	86	89	86	80	77	75	75	76	82	83	82	76	75	82	79	55	56	60	61	67	78.6
	MIN	60	64	50	49	57	64	67	60	55	63	62	62	60	59	52	56	53	48	48	60	60	62	49	49	48	42	44	49	53	54	60	55.5
ROLLA	MAX	86	73	67	70	78	90	85	80	85	87	72	65	79	78	73	68	73	75	78	80	80	75	73	78	75	55	53	64	62	68	71	74.1
	MIN	56	60	49	47	46	60	65	56	54	51	54	53	58	55	50	51	50	49	51	55	55	61	48	47	49	37	46	49	55	54	60	52.6
RUGBY	MAX	93	90	75	76	81	94	93	88	89	90	88	72	82	81	80	75	75	77	82	83	81	80	74	80	78	74	55	64	68	70	70	79.3
	MIN	64	61	41	47	51	62	68	54	62	59	58	55	58	59	54	52	55	48	50	59	59	61		48	58	41	48	49	48	58	62	55.0
SAN HAVEN	MAX	88	72	67	71	77	90	90	80	86	88	82	65	80	77	74	70	72	75	78	75	79	78	72	76	75	62	52	63	60	67	70	74.5
	MIN	58	67	48	48	49	62	67	56	55	58	57	56	58	57	52	55	52	48	47	60	58	60	49	45	55	38	46	49	47	55	61	54.0
SHARON	MAX	88	80	72	73	78	91	90	89	88	86	82	85	80	80	77	75	76	77	80	78	81	75	72	77	83	74	56	65	66	68	81	78.2
	MIN	64	62	47	44	48	60	63	61	63	57	61	62	61	60	55	52	52	46	47	57	55	64	50	44	57	40	47	50	48	58	62	54.7
STANLEY	MAX	94	82	72	78	85	99	86	81	85	95	89	79	88	84	75	74	69	78	83	90	89	80	78	85	80	66	55	67	62	65	69	79.4
	MIN	63	56	43	42	54	66	62	52	47	62	53	57	55	57	47	55	54	43	47	56	60	58	46	46	56	39	44	47	52	56	58	52.7
STEELE	MAX	91	89	78	74	81	93	90	83	83	87	85	91	83	78	78	75	78	75	80	80	81	76	73	78	83	78	57	60	61	71	77	78.9
	MIN	68	63	52	46	52	67	69	59	60	60	62	65	62	62	59	52	53	49	50	60	59	62	50	45	56	43	50	52	55	59	63	56.9
TIOGA 1 E	MAX	95	90	76	74	76	85	97	86	75	85	95	78	80	89	85	76	78	77	79	84	89	94	70	78	88	71	48	55	65	64	65	78.9
	MIN	63	52	41	39	52	63	59	47	46	61	60	54	52	54	45	56	47	41	50	54	61	55	39	49	53	39	41	47	50	53	58	51.0
TOWNER	MAX	93	83	75	78	87	97	97	87	89	92	83	69	74	82	78	72	80	82	84	83	82	79	77	86	81	60	56	62	68	70	73	79.3
	MIN	62	51	41	39	49	58	63	57	48	55	56	54	52	55	48	58	55	40	56	51	55	42	43	42	52	36	43	49	43	53	55	50.4
TURTLE LAKE	MAX	96	90	76	71	84	99	90	81	85	90	88	91	89	83	80	72	76	77	84	84	83	78	78	83	84	76	57	59	62	66	70	80.1
	MIN	65	63	48	48	47	66	66	59	57	59	62	62	60	59	50	55	52	46	46	50	58	62	45	47	45	41	47	51	53	56	62	54.4
UNDERWOOD	MAX	94	95	80	84	75	85	100	88	81	85	92	86	90	87	82	78	74	76	76	85	84	81	76	76	83	81	56	56	59	61	65	79.7
	MIN	65	67	50	45	55	64	65	59	55	60	63	64	59	59	49	55	52	44	49	59	59	61	43	47	60	41	44	49	52	54	60	55.1
UPHAM 3 N	MAX	94	81	75	81	86	98	97	88	92	97	89	70	86	84	79	77	72	81	83	88	87	81	79	85	81	58	57	65	67	71	72	80.7
	MIN	66	58	43	44	54	64	63	51	49	58	59	60	59	58	50	58	59	44	48	60	59	59	45	46	52	41	47	51	55	57	62	54.2
VALLEY CITY	MAX	90	83	76	75	79	91	89	89	87	86	87	83	84	82	79	73	77	78	80	76	82	79	72	79	85	83	59	63	64	72	87	79.6
	MIN		66	52	48	46	62	71	55	63	53	63	64	63	61	52	53	57	49	46	58	57	64	54	43	56	43	51	53	53	60	65	56.0
VELVA	MAX	95	94	81	75	76	85	101	91	76	89	95	82	80	88	82	76	66	75	77	80	86	85	78	77	84	80	51	55	63	66	66	79.2
	MIN	65	61	46	42	51	65	66	49	50	61	58	61	59	56	51	55	51	44	46	59	60	61	46	47	59	43	45	49	53	56	61	54.1
WAHPETON STATE SCHOOL	MAX	93	85	85	78	78	90	88	92	91	86	91	89	85	84	82	80	76	81	80	80	81	82	78	78	87	85	62	62	68	75	91	82.0
	MIN	69	63	53	47	49	62	69	62	65	57	62	62	64	61	53	51	59	53	51	60	58	62	58	49	58	45	53	52	54	61	66	57.7
WASHBURN	MAX	102		82	82	86	102	98	88	84	89	88	91	88	83	80	77	79	76	82	85	82	77	78	82	84	78	57	60	62	68	72	81.4
	MIN	68			45	56	68	66	58	55	62	66	66	60	68	51	55	54	46	58	60	60	62	48	49	61	42	48	52	55	57	64	57.2
WATFORD CITY	MAX	94	83	78	80	90	101	88	80	86	97	89	81	91	86	82	79	81	80	87	91	96	77	80	80	78	64	57	61	63	70	72	81.4
	MIN	70	58	50	49	61	69	62	57	50	65	64	63	51	59	50	58	51	48	52	59	63	58	42	51	55	42	47	50	53	58	63	55.7
WATFORD CITY 14 S	MAX	97	94	80	82	92	102	101	87	85	98	98	89	91	92	87	82	83	83	89	90	97	74	78	89	89	76	58	61	64	72	72	84.9
	MIN	66	56	45	49	58	69	59	57	47	62	54	64	48	59	48	57	48	47	50	53	54	56	38	50	49	39	44	48	49	55	61	52.9
WESTHOPE	MAX	86	77	72	78	86	96	89	81	88	91	78	72	82	82	72	72	74	82	83	87	87	77	78	84	75	55	56	64	66	70	71	77.8
	MIN	61	56	42	41	54	64	61	51	49	59	55	55	56	56	48	56	44	52	47	56	57	43	42	46	53	37	42	50	50	56	61	51.6
WILLISTON WB CITY	MAX	89	77	74	78	90	101	85	75	86	94	86	81	88	84	80	79	77	79	84	91	95	72	78	89	73	52	59	64	65	68	78	79.7
	MIN	68	59	48	49	64	74	61	56	52	67	65	62	54	61	54	57	53	50	55	58	67	53	47	56	44	42	48	50	55	57	61	56.4
WILLISTON EXP FARM	MAX	95	85	73	78	91	99	89	82	87	94	89	80	90	86	80	77	77	78	84	88	95	85	77	90	85	63	58	62	63	65	76	81.3
	MIN		60	45	46	57	70		53	49	58	60	59	46	56	45	53	48	46	49			54	41	58		40	46	47	54	56	61	52.2
WILLOW CITY	MAX	92	80	76	78	82	96	95	87	90	92	86	68	82	82	79	71	76	79	81	83	82	80	77	80	78	60	57	64	63	70	70	78.6
	MIN	62	59	44	37	44	65	66	44	47	54	56	56	59	55	51	56	52	43	44	53	55	55	46	41	41	40	47	48	48	55	61	51.1
WILTON	MAX																									80	57	56	58	59	68	68	
	MIN																									50	38	45	48	50	54	59	
WISHEK	MAX	89	94	80		76	78	92	88	88	82		88	90	90	85	78	77	82	82	81	85	82	73	74	78	84	55	55	59	62	75	79.4
	MIN	65	62	50			60	63	53	59	56		59	62	60	46	51	49	44	41	55	57	60	47	34	53	41	43	48	50	54	58	52.9

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
AUGUST 1957

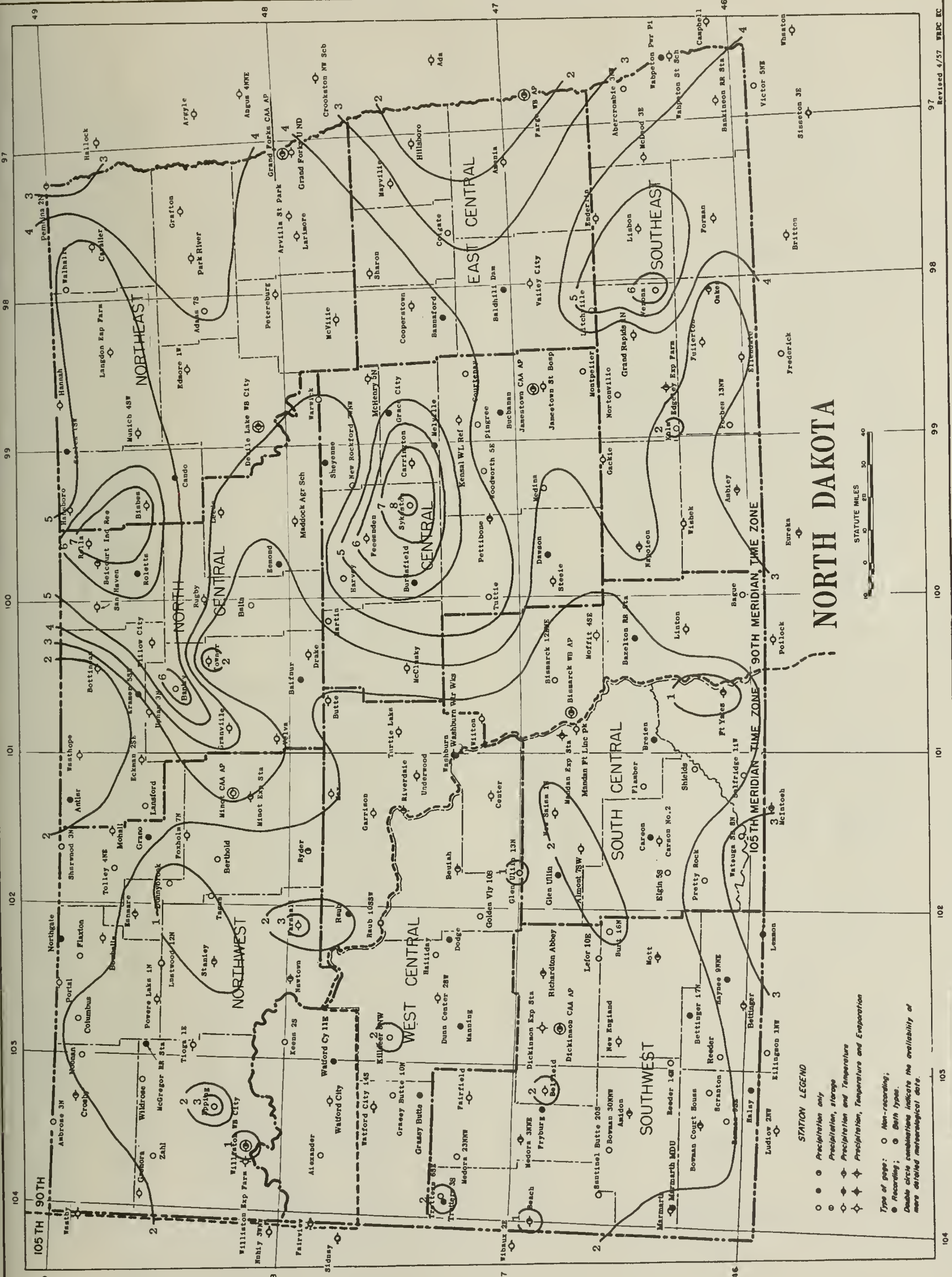
Station			Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.26	.34	.28	.19	.29	.30	.32	.20	.22	.29	.20	–	.28	.29	.20	.14	.06	.16	.19	.18	.15	.19	.17	.21	.26	*	*	.15	.02	.04	.08	5.858
	WIND	57	66	52	28	53	82	67	19	31	36	57	79	51	28	25	31	22	23	34	43	42	52	40	31	62	47	21	9	22	48	36	1294
DICKINSON EXP STA (A)	EVAP	.27	.23	.28	.17	.29	.28	.49	.08	.18	.09	.13	.26	.18	.23	.25	.21	.12	.12	.13	.20	.15	.19	.15	.15	.23	.31	.16	.04	.02	.01	.04	5.64
	WIND	130	100	70	70	160	190	140	60	40	130	80	200	80	70	80	80	40	50	65	85	40	130	90	20	120	130	150	60	90	100	80	2930
EDGELEY EXP FARM	EVAP	.26	.19	.26	.24	.16	.31	.39	.27	.21	.25	.31	.29	–	.25	.18	.14	.14	.18	.20	.19	.13	.22	.08	.25	.25	.35	.04	.07	–	–	–	6.678
	WIND	39	85	63	58	36	113	122	66	71	31	60	87	94	54	75	20	42	38	30	50	65	83	80	70	42	130	40	52	24	26	128	1974
MANDAN EXP STATION (A)	EVAP	.20	.32	.40	.27	.28	.29	.25	.34	.11	.20	.29	.30	.36	.23	.20	.06	.23	.18	.15	.21	.16	.18	.10	.15	.22	.28	.21	.03	.02	.02	–	6.458
	WIND	92	132	134	86	172	190	180	84	74	91	177	282	103	78	97	68	56	74	43	106	82	128	68	45	102	189	121	38	113	112	155	3472
RIVERDALE	EVAP	.38	.36	.44	.25	.36	.37	.44	.35	.10	.28	.46	.48	.18	.38	.20	.19	.11	.17	.22	.32	.23	.27	.23	.24	.41	.40	.08	.06	.07	.03	.02	8.08
	WIND	121	114	112	69	106	212	149	61	51	123	181	264	91	102	82	82	111	62	52	117	91	145	87	59	165	149	96	42	73	153	148	3470
WILLISTON EXP FARM	EVAP	.41	.48	.15	.45	.49	.40	.54	.12	*	*	1.21	.22	.34	.48	.36	.20	.35	.21	.33	.25	.41	.25	.19	.37	.44	.20	.00	.13	.09	.05	.12	9.24
	WIND	75	164	46	103	177	93	161	45	85	83	235	161	68	159	66	108	57	40	64	57	99	116	35	76	149	118	80	52	108	122	84	3086

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES

See reference notes following Station Index.

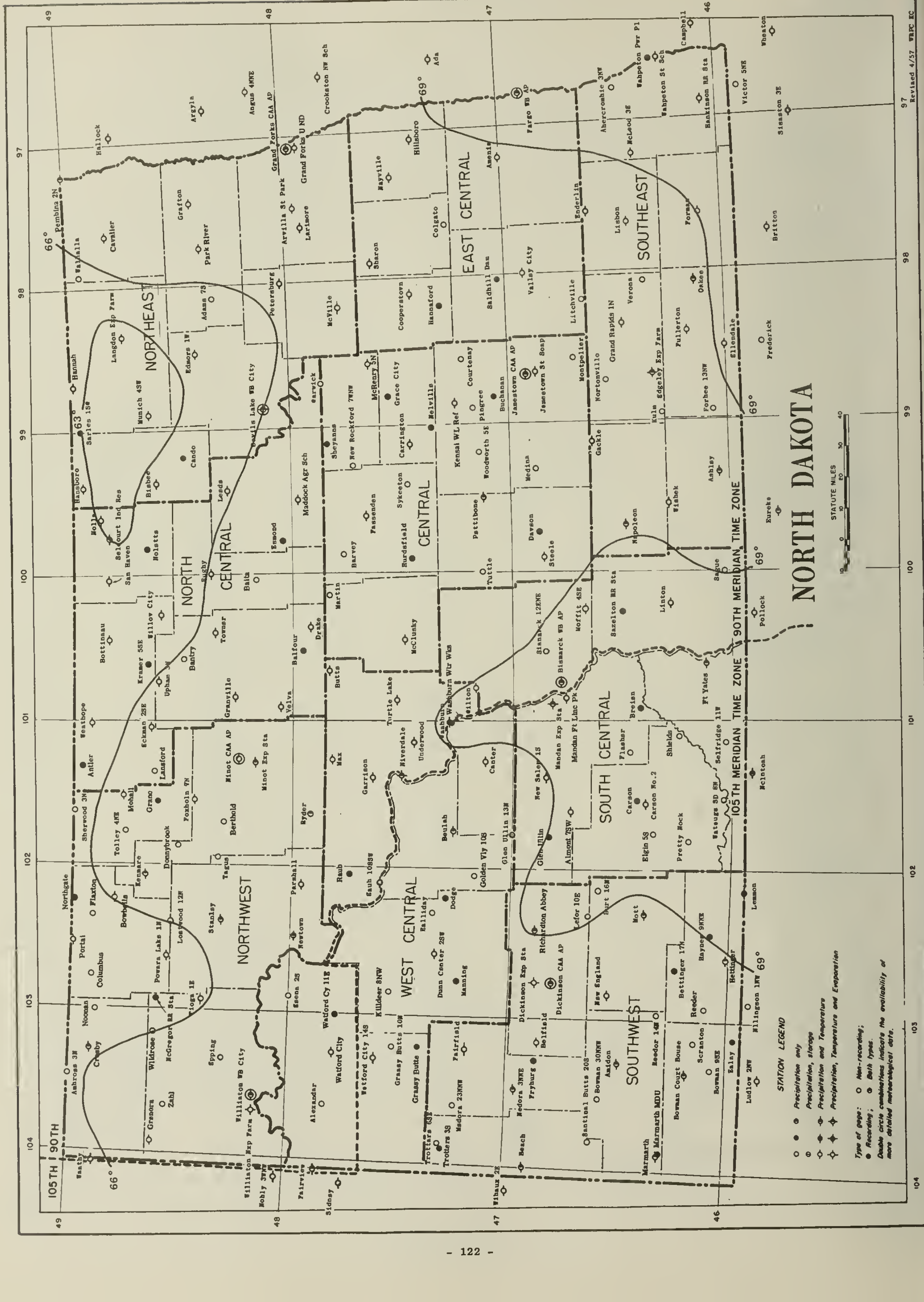
TOTAL PRECIPITATION

AUGUST 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Abercrombia 3 NW	0005	Richland	10	46 28	96 47	935		6P	Belmer Amundsen	3
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Neer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Bogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	980	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Fred Fleener	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. B. Wegnar	C
Arailla State Park	0389	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Pius Locker	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2824	6A	6A	Luther F. Hodgin	2 3 5 7 C
Belcourt Indian Ras.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joan Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak.Util. Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Book	2 3 5 C
Bowman 9 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John B. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Nansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Reinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		8A	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Ranawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Runt	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MID	John Syminow	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. D. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Seierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert B. Backfinch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3618	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	87 05	830	MID	7P	University of N. D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Grayce R. Warren	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Cr'st	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Rocher	3
Haley	3838	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	Walter Weisenburger	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John B. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Fortbun	2 3 5 7
Hettinger 17 N	4188	Adams	1	46 15	102 39	2610		MID	D. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St.Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		8P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8a	8A	Theo. R. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4658	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 6 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1815	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		8P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6p	6P	Clarence McCormack	2 3 5
Lefor 10 E	5083	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	48 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1804	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	8A	E. B. Jestnes	2 3 5 C
Martin	5610	Sheridan	11	47 50	100 07	1810		5P	Elroy E. Kessler	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. B. Schafer	2 3 5 7
Mayville	5680	Traill	10	47 30	97 19	975	6P	6P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	6	48 38	102 56	2221		MID	L. R. Erickson	C
McHenry 5 N	5330	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	8P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	99 19	1795		6P	Rudolph Graf	3
Medora 3 WNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv	2 3 5 C

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. S. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaehe	2 3 5
Newtown	6383	Mountrail	8	47 58	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	48 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina	6947	Pembina	10	48 58	97 14	780	6P	6P	S. W. Douglas	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Boltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 58	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	7P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin N. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenhaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley	8764	Renville	12	48 43	101 50	1848		6P	Arthur I. Folland	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 B	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5p	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 W	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Hellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Bohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall tabls, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

SEPTEMBER 1957

Volume LXVI No. 9

THE LIBRARY OF THE
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ASHEVILLE: 1957

WEATHER SUMMARY

The cool rainy weather with frequent heavy dews and occasional heavy fog during the first three weeks of September delayed the small grain harvest, potato digging, plowing, and planting fall rye. The first frosts of the season stopped the growth of corn and damaged a considerable acreage of soybeans. Warm sunny weather during the last week of September was favorable for field work. Small grain harvest neared completion.

Mild weather prevailed during the first few days of September. Temperatures dropped to below seasonal about the middle of the first week and mostly cool weather prevailed until near the close of the month. Several cold fronts crossed the State during September. One of the most effective cold fronts pushed southeastward on the 17th after which polar continental air poured in from Canada for several days. Many stations over the western two-thirds of North Dakota registered freezing temperatures on the morning of the 19th. Most stations registered their lowest temperatures for the month on the 19th, 23d, or 26th. Monthly minimums were below freezing over the entire State. Most stations registered subfreezing temperatures on several days. The coldest temperature for the State, 17°, occurred at Willow City on the 23d and 26th. Southerly and westerly winds brought the return of mild temperatures on the 28th which continued to the end of the month. Most stations registered their highest temperatures for the month on the 1st, 28th, or 29th. Monthly maximums were in the upper 70's at a few east central and northeastern stations but were mostly in the 80's elsewhere. The highest temperature for the month, 90°, occurred at Beulah on the 28th. Monthly mean temperatures ranged from 51.0° at Munich 4SW to 58.0° at Wahpeton State School. Monthly mean temperatures were slightly above the long-term means in the extreme northwest but were below the long-term averages over other parts of the State. The largest temperature departures were over the southern counties. Temperature departures ranged from +1.2° at Crosby to -5.9° at Wishek.

Widespread generous rains fell over much of eastern North Dakota on September 1 and 2, especially on the 2d. A few stations received more than five inches on that date. Intermittent rains fell on many other days during the first three weeks of September. No important rain fell from the 23d to the end of the month. Monthly totals ranged from 0.15 inch at Flaxton to 11.69 inches at Larimore. Monthly totals exceeded two inches over most eastern counties but were generally less than two inches over the western two-thirds of the State. Several stations in the northeastern and east central sections received more than five inches of rain in September. Numerous northwestern stations received less than one inch of rain. The monthly rainfall totals generally exceeded the long-term means over the southwestern section and over the eastern third of the State. A few stations in the northeast received several times their long-term September averages.

Small grain prospects during the first three weeks of September were just about as gloomy as the weather. The cloudy weather, frequent rains, and muddy fields caused serious delays in combining wheat and flax. Much of the wheat and flax sprouted. Discoloration reduced the quality. Some fields were a complete loss. In most cases, the swaths sprouted. In many cases, the grain sprouted while still standing. The fields were too wet and soft to support harvest machinery. Much of the wheat had been ripe a month before suitable weather permitted harvesting. The moisture content of the grain was high. In some cases, the farmers combined the grain having high moisture content and had it dried. Top soil and subsoil moisture were mostly adequate to plentiful. There were dry spots in a few south central counties. Soil moisture was excessive in parts of the Red River Valley. Potato digging and sugar beet lifting got under way in the drier areas and fall plowing progressed rapidly where the fields were dry enough.

Scattered light frost caused some damage to gardens in the Devils Lake vicinity on the morning of the 16th. A freeze on the 23d ended the growing season over much of the State. The frost and freezing temperatures caused light damage to corn and soybeans. Most of the corn was mature before the frost and, in general, most of the soybean crop was well along toward maturity.

Mild, clear weather prevailed generally during the last week of September. This kind of weather was favorable for the completion of the harvest of flax and wheat. The warm weather reduced the moisture content of the unharvested grain and helped to mature the late crops. Sprout damage and discoloration had occurred in all areas where the harvest had been delayed by the almost continuous rains. Flax harvest approached the wind-up in most of the southern third of the State but lagged in the central and northeastern counties. Potato harvest accelerated but a few low spots remained too wet. Sugar beel lifting got a good start and soybean harvest was well under way. Silage making was completed. Top soil moisture continued adequate over most of the State. Scattered areas in the south central and northwestern counties were dry. The soil in the east central and northern Red River Valley counties was wet. Subsoil moisture was short over the western half of the State. Fall tillage was well underway and considerable rye had been planted by the end of September.

STORMS

Heavy rains on September 1 and 2, following some late August rains, flooded fields of potatoes, beets, and cut grain over the eastern fourth of the State. The water filled many basements in towns and cities. Some localities received several inches of rain in a short time.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at

The various steps all take time. Records for any state cannot be checked by machine until nearly all of them for that state have been received. Printing cannot be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina, should be advised.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00A CST	6:00A CST	12:00P CST	6:00P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	15	10.6	36	NW	15	78	86	50	46	5	7	2	0	0	0	14	62	5.9
DEVILS LAKE WB CITY	S	-	7.8	29	W	14	-	90	64	63	3	9	2	2	0	0	16	54	5.7
FARGO WB AIRPORT	5	14	14.3	47	W	2	86	91	62	61	1	3	6	1	1	1	13	50	6.1
WILLISTON WB CITY	NW	-	7.1	31	NW	14	-	82	55	43	3	5	2	0	0	0	10	60	6.5

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
											No of Days								Snow, Sleet			No of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	.50 or More	1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		68.8	41.1	55.0		83	28	22	19	299	0	0	4	0	1.42		.93	1	.0	0		3	1	0
CROSBY		69.3	43.1M	56.2M	1.2	87	28	24	19	257	0	0		0	.70	- .39	.21	11	T	0		4	0	0
FOXHOLM 7 N		70.8	42.3M	56.6M	- 0.3	88	28			244	0	0	4	0	.91	- .33	.47	1	.0	0		4	0	0
GRENORA		70.0	43.2	56.6		88	28	22	19	259	0	0	3	0	1.21		.30	11	.0	0		6	0	0
KENMARE	AM	67.3	40.1	53.7		85	29	24	19	331	0	0	5	0	.67	- .69	.31	12	.0	0		2	0	0
LOSTWOOD 12 N		66.8M	39.1M	53.0M		83	28	21	19	355	0	0	6	0	.58		.25	11	T	0		3	0	0
MINOT CAA AP		66.3	43.2	54.8		86	28	23	26	304	0	0	3	0	1.04		.55	1	T	0		3	1	0
MINOT EXP STATION	AM	66.7	41.7	54.2		85	29	24	26	321	0	0	4	0	.55		.29	18	.0	0		2	0	0
MOHALL		69.4	40.9	55.2	- 1.2	87	28	21	19	292	0	0	5	0	.75	- .67	.33	2	.0	0		3	0	0
NEWTOWN		69.0	43.2	56.1	0.0	85	28	27	19	266	0	0	2	0	.52	- .70	.23	18	.0	0		1	0	0
PARSHALL		69.1	41.3	55.2		85	28	27	19	290	0	0	4	0	.97	- .47	.37	1	.0	0		3	0	0
PORTAL	AM	M	39.8	M		88	29	18	19		0	0	5	0	.91	- .33	.34	1	T	T	18+	4	0	0
POWERS LAKE 1 N		68.5M	38.2M	53.4M		84	28	19	19	335	0	0	8	0	.51		.18	11	.0	0		2	0	0
STANLEY		67.5	40.8	54.2		85	28	27	19+	317	0	0	4	0	.90		.38	2	.0	0		3	0	0
TIOGA 1 E	AM	67.1	39.8	53.5		85	29	21	19	337	0	0	4	0	.61		.20	20	.0	0		2	0	0
WILLISTON WB CITY	R//	68.9	45.7	57.3	0.1	87	28	28	19	235	0	0	1	0	.71	- .50	.28	4	.0	0		2	0	0
WILLISTON EXP FARM		69.5	42.8	56.2		85	7+	24	19	264	0	0	2	0	.87		.38	18	.0	0		4	0	0
DIVISION				55.1	- 0.9										.81	- .47			T					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		64.8	39.0	51.9		77	29	20	23	390	0	0	7	0	1.16		.75	2	.0	0		2	1	0
BOTTINEAU	AM	66.3	40.3	53.3	- 2.5	82	29	21	19	350	0	0	7	0	.44	- .94	.13	22	.0	0		1	0	0
DRAKE	AM	66.5	41.4	54.0	- 2.9	82	29	26	19+	329	0	0	6	0	1.08	- .33	.23	22	.0	0		4	0	0
ECKMAN 2 SE	AM	67.7	37.9	52.8	- 2.7	86	29	22	19+	361	0	0	7	0	.54		.16	1	.0	0		2	0	0
GRANVILLE		68.7M	42.9M	55.8M	- 1.6	82	28+	22	26	260	0	0	3	0	.68	- .55	.20	11	.0	0		3	0	0
LEEDS		66.3	40.7	53.5		79	29	19	26	340	0	0	5	0	1.50		.53	2	.0	0		5	1	0
MADDOCK AGR SCHOOL		66.3	42.3	54.3	- 3.2	78	3+	26	26	317	0	0	4	0	3.56	2.09	2.05	1	.0	0		4	2	1
ROLLA		64.1	40.7	52.4		78	29	24	26	376	0	0	4	0	1.28		.52	2	.0	0		3	2	0
RUGBY		68.1	42.7	55.4		81	28	25	19	285	0	0	4	0	.70	- .61	.26	2	T	0		2	0	0
SAN HAVEN		64.8	42.3	53.6	- 2.0	78	28+	24	23	340	0	0	3	0	.52	- .87	.21	2	T	0		2	0	0
TOWNER		69.4	37.0	53.2	- 1.1	85	28+	19	19+	348	0	0	10	0	.41	- 1.01	.19	18	.0	0		1	0	0
UPHAM 3 N		70.5	40.7M	55.6M		88	28	22	19	281	0	0	6	0	.35		.17	22	.0	0		2	0	0
VELVA	AM	67.9	41.5	54.7	- 2.9	87	29	21	26	311	0	0	5	0	.70	- .63	.29	2	.0	0		2	0	0
WESTHOPE		67.2	40.7	54.0	- 2.3	85	28	20	19	330	0	0	5	0	1.45		1.23	1	.0	0		2	1	1
WILLOW CITY		68.1	38.7	53.4	- 2.3	83	28	17	23+	344	0	0	6	0	.30	- .96	.07	2	.0	0		0	0	0
DIVISION				53.9	- 2.2										.98	- .41			T					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		67.3	41.8	54.6		82	1	20	26	317	0	0	4	0	8.20		4.60	2	.0	0		7	3	2
BISBEE		64.4	41.2	52.8		78	29	24	26	360	0	0	5	0	1.18		.46	3	.0	0		3	0	0
CAVALIER		65.7	43.8	54.8		80	1+	22	26	313	0	0	4	0	5.43		4.21	2	.0	0		4	2	1
DEVILS LAKE WB CITY	R//	64.4	42.7	53.6	- 2.7	79	29	26	26	340	0	0	5	0	2.26	.19	.90	2	.0	0		4	2	0
EDMORE 1 W		65.0	39.3	52.2		79	1	23	23+	386	0	0	9	0	2.60		1.76	2	T	0		3	1	1
GRAFTON		65.6	44.3	55.0	- 3.1	80	1+	27	26	308	0	0	3	0	8.93	6.88	7.42	2	.0	0		6	2	1
GRAND FORKS CAA AP	R	65.0	43.8	54.4		83	1	26	26	318	0	0	3	0	4.90		2.47	2	.0	0		6	3	1
GRAND FORKS UNIVERSITY		64.5	42.4	53.5	- 3.9	80	1	24	26	346	0	0	4	0	7.54	5.81	3.03	2	.0	0		5	3	2
HANNAH		63.2M	39.5M	51.4M		77	29	20	26	414	0	0	5	0	.93	- .98	.29	2	.0	0		3	0	0
HANSBORO		64.0M	40.0M	52.0M	- 3.0			22	26	379	0	0		0	1.09	- .28	.60	3	.0	0		2	1	0
LANGDON EXP FARM		64.6	39.6	52.1	- 3.4	78	29	23	23	383	0	0	7	0	2.12	.07	1.13	2	.0	0		4	1	1
LARIMORE		66.8	44.1	55.5	- 2.3	83	1	25	26	289	0	0	3	0	11.69	9.96	7.41	2	.0	0		5	3	3
MC VILLE		64.9	42.0	53.5		78	1+	24	23	344	0	0	5	0	5.31		3.17	2	.0	0		7	2	1
MUNICH 4 SW		64.5	37.4	51.0		80	29	20	23	419	0	0	10	0	1.25		.45	2	T	0		4	0	0
PARK RIVER		66.1	44.8	55.5	- 1.7	82	1	26	26	291	0	0	3	0	6.47	4.34	5.20	2	.0	0		4	2	1
PEMBINA		67.5	43.6	55.6		86	1	24	26	288	0	0	4	0	3.47	1.02	2.45	2	.0	0		5	1	1
PETERSBURG		64.1	42.6	53.4		78	1	27	23+	377	0	0	4	0	5.66	3.88	2.96	2	.0	0		4	3	2
DIVISION				53.6	- 2.7										4.65	2.73			T					
WEST CENTRAL DIVISION																								
BEULAH	AM	69.3	38.2M	53.8M		90	29	23	26+	331	1	0	6	0	.84		.40	19	.0	0		3	0	0
BUTTE	AM	66.0M	M	M				28	19		0	0		0	.69		.46	18	.0	0		2	0	0
CENTER		69.0	39.6	54.3		84	28	24	26	317	0	0	7	0	.74		.55	18	2.0	1	18	2	1	0
DUNN CENTER 2 SW	AM	66.5	43.6	55.1	- 0.3	85	29	29	26	293	0	0	3	0	2.36	1.12	1.33	2	T	0		4	1	1
GARRISON	AM	67.7	41.0	54.4	- 3.0	87	30	28	19+	314	0	0	3	0	.83	- .44	.42	18	.0	0		2	0	0
MAX	AM	66.5	40.9	53.7	- 2.4	83	29	27	19+	334	0	0	4	0	1.15	- .15	.63	2	.0	0		2	1	0
RAUB 10 SSW		69.7M	45.2M	57.5M		88	28	35	13+	227	0	0	0	0	.40		.29	17	.0	0		2	0	0
RIVERDALE	AM	66.8	43.1	55.0		85	29	28	26	301	0	0	1	0	.82		.34	18	.0	0		4	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Max Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
TURTLE LAKE	69.5	41.7	55.6		83	28	25	26	276	0	0	3	0	.71		.46	18	.0	0		1	0	0
UNDERWOOD AM	67.3	41.1	54.2		85	29	27	19	315	0	0	4	0	.84		.37	18	.0	0		2	0	0
WASHBURN	70.5	42.1	56.3	- 2.9	85	28	30	19	252	0	0	3	0	.93	- .39	.50	18	T	0		3	1	0
WATFORD CITY	70.0	43.5	56.8	- 1.2	86	7	28	19	246	0	0	1	0	1.02	- .23	.53	18	.0	0		4	1	0
WATFORD CITY 14 S	72.2M	39.8M	56.0M		86	7+	25	19	271	0	0	3	0	1.64		.71	18	.0	0		3	1	0
WILTON	67.5	39.5	53.5		83	28	25	19	337	0	0	5	0	.98		.58	18	.0	0		2	1	0
DIVISION			55.1	- 2.0										1.00	- .36			.1					
CENTRAL DIVISION																							
CARRINGTON AM	64.8	40.7	52.8	- 3.6	78	2+	26	23+	364	0	0	7	0	2.18	.72	.83	2	.0	0		4	2	0
FESSENDEN	69.5	41.4	55.5	- 2.0	82	29	26	26	283	0	0	4	0	1.53	.06	.53	1	.0	0		5	1	0
JAMESTOWN CAA AP R//	67.2	42.4	54.8		80	29	27	23+	305	0	0	3	0	2.92		1.61	18	T	0		3	2	1
JAMESTOWN STATE HOSP	69.5	44.2	56.9	- 1.6	85	1	28	23	247	0	0	3	0	2.34	1.02	.96	18	.0	0		5	1	0
KENSAL WILDLIFE REFUGE	69.6	41.2	55.4		83	29	24	23	285	0	0	6	0	2.90		1.45	2	.0	0		4	2	1
MC CLUSKY	68.0	41.8	54.9	- 3.1	81	29	26	26	295	0	0	3	0	1.18	- .30	.65	18	.0	0		2	1	0
MC HENRY 5 N	65.0	41.3	53.2		78	29	24	26	348	0	0	5	0	4.88		3.08	2	.0	0		6	2	1
PETTIBONE	65.9M	41.0M	53.5M	- 4.4			27	26	337	0	0	5	0	2.14	.50	1.13	2	.0	0		4	2	1
STEELE	68.8	42.1	55.5	- 2.6	81	29	25	26	284	0	0	5	0	1.05	- .66	.37	19	.0	0		5	0	0
DIVISION			54.7	- 2.7										2.35	.78			T					
EAST CENTRAL DIVISION																							
AMENIA	67.8	44.8	56.3		87	1	28	26	262	0	0	4	0	2.78		.90	1	.0	0		7	2	0
COOPERSTOWN	66.0	43.0	54.5		78	1+	26	23	316	0	0	3	0	5.66	3.91	3.48	2	.0	0		8	3	1
FARGO WB AP R//	66.3	45.8	56.1	- 2.8	83	29	28	26	274	0	0	2	0	6.13	4.41	3.37	2	T	0		9	3	2
HILLSBORO	68.2	44.7	56.5	- 2.3	86	1	29	27	261	0	0	2	0	7.27	5.39	5.18	2	.0	0		8	3	1
MAYVILLE	65.4	45.3	55.4	- 4.2	82	1	27	26	293	0	0	3	0	5.00	3.26	2.57	2	.0	0		8	3	1
SHARON	64.8	42.5	53.7	- 3.4	78	1	25	26	339	0	0	3	0	4.96	3.13	2.17	2	.0	0		6	3	2
VALLEY CITY	67.6	42.9	55.3	- 3.8	80	29	27	23+	287	0	0	2	0	3.34	1.84	1.16	2	.0	0		6	3	1
DIVISION			55.4	- 3.1										5.02	3.35			T					
SOUTHWEST DIVISION																							
AMIDON AM	68.8M	41.6M	55.2M		86	29	30	13	290	0	0	1	0	1.17		.35	19	4.0	4	19	4	0	0
BEACH AM	68.2	41.5	54.9		85	29	30	16	300	0	0	3	0	1.84		.55	2	T	0		5	2	0
BELFIELD	67.2	38.7	53.0		85	28	20	19	356	0	0	5	0	1.61		.58	18	T	0		6	1	0
BOWMAN COURT HOUSE	70.0	40.9	55.5	- 4.9	87	28	29	19	280	0	0	2	0	.89		.25	2	T	0		4	0	0
DICKINSON CAA AP R//	67.4	42.4	54.9		86	28	30	19	298	0	0	2	0	1.66		.86	18	T	0		3	1	0
DICKINSON EXP STATION AM	68.3	41.6	55.0	- 1.4	87	29	28	19	302	0	0	3	0	1.98	.85	.56	19	.2	T	19	4	2	0
FAIRFIELD	66.6	43.0	54.8		83	28	29	19	299	0	0	1	0	1.73		.54	5	T	0		5	2	0
HETTINGER	68.1	42.6	55.4	- 3.7	85	28	31	19	284	0	0	2	0	1.27	.14	.47	18	T	0		3	0	0
MARMARTH AM	69.5	41.0	55.3	- 3.0	86	29	28	13	289	0	0	4	0	1.23	.23	.55	19	.0	0		4	1	0
MEDORA 3 NNE	70.3M	40.2	55.3M		87	28	27	16	294	0	0	3	0	2.62		1.36	1	.0	0		5	2	1
MOTT	68.2	39.6	53.9	- 5.0	88	28	27	16	327	0	0	6	0	1.59	.32	.65	1	.0	0		4	1	0
NEW ENGLAND	68.2	40.9	54.6	- 4.1	87	28	29	16	307	0	0	5	0	1.45	.30	.52	18	T	0		4	1	0
RICHARDTON ABBEY	68.7	43.1	55.9	- 2.8	88	28	31	18+	264	0	0	3	0	1.71	.57	.53	18	2.6	1	18	5	1	0
DIVISION			54.9	- 3.2										1.60	.42			.5					
SOUTH CENTRAL DIVISION																							
ALMONT 7 SW	68.4	44.2	56.3		86	28	31	19+	261	0	0	2	0	1.20		.68	18	2.0	0		3	1	0
BISMARCK WB AP R//	70.1	42.1	56.1	- 2.4	84	28+	27	26	264	0	0	1	0	.74	- .69	.35	18	T	T	18	2	0	0
CARSON NO 2 AM	69.2	42.2	55.7	- 3.3	84	29	31	13	279	0	0	3	0	1.02	- .32	.32	19	.0	0		3	0	0
FORT YATES AM	71.5	43.1	57.3	- 3.1	86	1+	34	16+	240	0	0	0	0	1.15	- .03	.47	19	.0	0		3	0	0
LINTON	72.0	40.6	56.3	- 4.0	86	29	29	13+	260	0	0	7	0	1.24	- .19	.32	18	.0	0		4	0	0
MANDAN EXP STATION AM	68.9	42.6	55.8	- 3.1	85	29	26	26	277	0	0	1	0	.92	- .42	.37	19	.0	0		3	0	0
MANDAN FT LINCOLN PARK	70.9	40.1	55.5		85	29	24	26	283	0	0	5	0	.67		.38	18	.0	0		2	0	0
MOFFIT 4 SE	70.4	40.2	55.3		82	28+	24	26	285	0	0	8	0	.88		.45	18	.0	0		3	0	0
NEW SALEM 1 S	68.8	41.5	55.2	- 3.7	85	28	26	26	289	0	0	3	0	1.43	.13	1.07	18	T	0		2	1	1
DIVISION			55.9	- 3.5										1.03	- .33			.2					
SOUTHEAST DIVISION																							
ASHLEY	68.4	41.7M	55.1M	- 3.1	81	29	30	26	296	0	0	3	0	2.34	1.11	.98	18	.0	0		4	2	0
EDGELEY EXP FARM AM	67.8	43.0	55.4	- 3.4	88	1	25	26	295	0	0	3	0	2.56	1.13	.83	2	.0	0		6	2	0
ELLENDALE	69.3	44.5	56.9	- 2.9	85	29	29	26	247	0	0	1	0	3.95	2.59	2.79	2	.0	0		4	1	1
ENDERLIN AM	67.5	41.3	54.4		89	1	27	23+	326	0	0	4	0	3.56		1.03	2	.0	0		7	3	1
FORMAN	68.8M	44.1M	56.5M		83	29	28	26	265	0	0	3	0	4.63	3.21	3.42	2	.0	0		4	2	1
FULLERTON	70.4	42.7	56.6	- 3.0	89	1	26	26	259	0	0	4	0	3.26	1.90	2.21	2	.0	0		4	2	1
GACKLE	67.3	42.1M	54.7M		80	29	28	26	303	0	0	1	0	2.16		.97	2	.0	0		5	2	0
GRAND RAPIDS 1 N	69.8	42.1	56.0		85	1	25	26	277	0	0	6	0	2.97		1.48	2	.0	0		6	1	1
HANKINSON R R STATION AM	66.6	44.9	55.8	- 3.5	90	1	29	23	289	1	0	3	0	2.44	.75	.78	3	.0	0		5	2	0
LISBON	68.8	43.9	56.4	- 1.9	88	1	26	23+	266	0	0	4	0	2.98	1.51	1.70	2	.0	0		7	2	1
MC LEOD 3 E	69.0	44.3	56.7	- 3.2	86	1	28	23	258	0	0	2	0	3.14	1.60	1.40	2	.0	0		7	2	1
NAPOLEON	69.3	43.4	56.4	- 2.4	83	29	28	26	257	0	0	1	0	1.83	.43	.68	18	.0	0		4	1	0
OAKES AM	67.3	43.0	55.2	- 3.8	90	1	28	26	305	1	0	4	0	3.97	2.72	2.60	2	.0	0		4	2	1
WAHPETON STATE SCHOOL	69.9	46.1	58.0	- 3.3	91	1	30	23+	228	1	0	3	0	4.89	3.28	2.53	2	.0	0		7	2	2
WISHEK AM	68.1M	39.1M	53.6M	- 5.9	87	1	21	26	349	0	0		0	1.94	.64	1.10	2	.0	0		4	1	1
DIVISION			55.8	- 3.3										3.11	1.69			.0					

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
SEPTEMBER 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	3.87	.04	1.37	.43	T	.01				.23			.09			T	T		1.10	.40	.06	T	.14									
ADAMS 7 S	1.23	.41							.06		.07	.13	.07		.02	.15			.19		T	.10	.03									
ALEXANDER	1.25	.04				.35						.06							.59		.13	.08										
ALMONT 7 SW	1.20		.11		T	.23				T	.04	T	.01	T				T	.68	.03	.07	.03										
AMBROSE 3 N	.68				.02	.26						.35						T	.05	T												
AMENIA	2.78	.90	.73	.10		.06							.13			.02			.18	.45	.08		.13									
AMIDON	1.17		.21		.26								.05						.21	.35	T	.09										
ARVILLA STATE PARK	8.20	2.15	4.60	.15		T				.10			.10			.12			.97							.01						
ASHLEY	2.34	.75	.33		.03	.02							.01					T	.98	.01	.08	.03	.10									
BALTA	1.15	.52	.18						.05		T	.06	.07	T	T	.06			.09		T		.12									
BANTRY	.33	T		T				T				.10							.11				.12									
BEACH	1.84		.55		.01	.54								T					.20	.32	.03	.03	.16									
BELCOURT INDIAN RES	1.16	T	.75	.26	T				.01		T	.01				.06		.01				.03	.03									
BELFIELD	1.61	.12	T		.45	.12	T		.07	T	T	.03	.12						.58	.12												
BERTHOLD	1.25	.63	.12								T	.05	.12		.01				.24				.08									
BEULAH	.84	T	.11			T							.03						.25	.40	.01			.04								
BISBEE	1.18	.05	.44	.46					.07			T	T		T	.04			.02		T		.10									
BISMARCK WB AP R//	.74	.02	.04		.02	.01			.05		T	.02	T			T		T	.35		T	.20	.03									
BISMARCK 12 ENE	.68		.03			.01							.16						.40	.06	T		T	.02								
BOTTINEAU	.44	.05	.01	.01						.03		T	.04			.07	.02	.02	.01	.02	T	.03	.13									
BOWBELLS	1.42	.93	.08		T				T			.11						.02	.08	.02	.11		.07									
BOWMAN COURT HOUSE	.89	.16	.25		.06	.14													.20	.08												
BOWMAN 9 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWMAN 30 NNW	1.25	.21			.11						.05							.45	.10				.23	.10								
BURT 16 N	1.73	.25	.30			.36													.60	.17							.05					
BUTTE	.69		.15										.08						.46													
CARRINGTON	2.18	.33	.83	.08	.01		.01			.05		T	.08						.21	.52		T		.06								
CARSON NO 2	1.02		.07			.28				.06			.07						.20	.32			.02									
CAVALIER	5.43	.62	4.21	.28					T	.08	T	.03	.01		.02	.11		.03	T		.01	T	.02		.01							
CENTER	.74		.10			.06	T					.03							.55			T										
COLGATE	4.96		3.95	.03									.11						.55	.22	.03		.07									
COLUMBUS	.86	.13				.06							.18						.06	.08	.23	.05	.07									
COOPERSTOWN	5.66	.54	3.48	.12	.26	.11				.05		T	.16		T	T			.64	.20		.02	.08									
COURTENAY	4.09	.91	2.29	.05					.06										.52	.18	T		.08									
CROSBY	.70				.03	.15						.21					T		.05		.16		.10									
DEVILS LAKE WB CITY R//	2.26	.56	.90	.28		.07			.06		.04	.01	.02		.04	T		.05	.20		.01	T	.02			T						
DICKINSON CAA AP R//	1.66	.31	.03		.46	T				T		T	T					T	.86	T		T										
DICKINSON EXP STATION	1.98	.09	.55			.42						T	.05						.25	.56			.06									
DONNYBROOK	.62	.06	.11									.14	.13								.10	.02	.06									
DRAKE	1.08	.02	.06	.02	T		T			.03			.22						.20	.18		.03	.23	.06					.03			
DUNN CENTER 2 SW	2.36	.08	1.33			.41						T	T						.40	.10	T	.04	T	T								
ECKMAN 2 SE	.54	.16	.02					T	.05				.07						.04	.05	T		.02	.13								
EDGELEY EXP FARM	2.56	.47	.83	.17		.06							.02						.16	.71		.14										
EDMORE 1 W	2.60	.41	1.76	.16		.03			.06	T			T			.08		T	.05		T	T	.05			T						
ELGIN 5 S	.74				T	.30	T		T			T							.36	.08	T	T	T									
ELLENDALE	3.95	.36	2.79	T		T				.01			.02	T				T	.24	.44	.04	T	.05		T							
ENDERLIN	3.56	.32	1.03	.96	.02		.09			.12			.06	.04		T			T	.68		.12		.12								
EPPING	.78	T	T	.02	.14	.05					.04	.18							.17		.12	.04	.02									
FAIRFIELD	1.73	.20	.02		T	.54					.07	T	.13					.10	.52	.02	.05	.08	T									
FARGO WB AP R//	6.13	.66	3.37	.28		T			.25			.02	.10		.01	.16			1.06		.10	.02	.10									
FESSENDEN	1.53	.53	.42				.12		.21			.05	.08					T			T	.02	.10									
FLASHER	.84		.12			.07													.12	.53												
FLAXTON	.15	.01				.06						.06							.02		T	T										
FORBES 13 NW	1.91	.35	.63	T	T	T							.08					T	.70	.15												
FORMAN	4.63		3.42							.17	T		T					.07	.73	.12	.09		.03									
FORT YATES	1.15	.33				.15	.08												.09	.47		.03										
FOXHOLM 7 N	.91	.47	.18	T					T		T	.16	T			T				.10	T		T									
FULLERTON	3.26		2.21										.05					T	.27		.21		.52									
GACKLE	2.16	T	.97			.10			.02										.55	.40			.12									
GARRISON	.83		.38									T	T			.01			.42	.02		T		T								
GLEN ULLIN 13 N	1.36					.37												.10	.50	.05	.16	.03							.15		T	
GOLDEN VALLEY 10 S	1.18	.07	.19		T													T	.86	.06												
GRAFTON	8.93	.59	7.42	.20						.07		T	.02		.15	.05		.10	.31		T		.02									
GRAND FORKS CAA AP R	4.90	.98	2.47	.17					.05			.02	T		.05	.14		.20	.80		T	.01	.01									
GRAND FORKS UNIVERSITY	7.54	3.00	3.03	.23					.02	.05			.04		.08	.11	T		.83	.05	.03	.04	.03									
GRAND RAPIDS 1 N	2.97	.16	1.48	T		.14				.04			.03			T			.45	.49	.11	.04	.03									
GRANVILLE	.68	.12							.03			.20			.03				.16			.06	.08									
GRASSY BUTTE 10 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRENORA	1.21				.10	.08			.03		.01	.30	.25						.19			.15	.10									
HAGUE	1.88	.66	.25		.01	.27				.06			T					T	.58	.05	T	T										
HALLIDAY	1.80	1.00				.19												.19	.37			.05										
HANKINSON R R STATION	2.44	T	.40	.78	.21	T	T			.21				.03		T				.74	T	.07										
HANNAH	.93	.02	.29	.24					.12			.02				.05	.06	.07			T		.06									
HANSBORO	1.09		.32	.60					.02		T	.02	T			.09						.04										
HARVEY	2.91	1.81	.12			.02			.08				.20					.13	.47		.08											
HETTINGER	1.27	.34	.04			.26													.47	.09		.07										
HILLSBORO	7.27		5.18	.16						.19		T	.51		.02	.11			.51	.36	.11	.09	.03			T						
JAMESTOWN CAA AP R//	2.92	.29	.88	T		.02			T			.02	T		.04			T	1.61		.03	T	.03									
JAMESTOWN STATE HOSP	2.34	.28	.29	.08		.06			.09				.05		.08				.96	.30		.10	.05									
KEENE 2 S	.68					.38						.02							.28													
KENMARE	.67	.16	.01										.31							.04	.06		.09									
KENSAL WILDLIFE REFUGE	2.90	.30	1.45	.04					T						T				.82	.20	T	.02	.07									
KILLDEER 8 NW	1.64	.35				.17						.17						.48	.37		T	.10	T									
KULM	3.42	.15	1.98			.04								.03					.34	.75	.09		.04									
LANGDON EXP FARM	2.12	.27	1.13	.40		.10			.06			.01			.02	.02		.02	T		.01		.08									
LANSFORD	.97	.10	.40						.03		T	.19	.04					.06			T	.06	.09									
LARIMORE	11.69	2.40	7.41	.38						.09		T	.09		.04	.06		T	1.07		T	.05				.10						
LEEDS	1.50	.18	.53	.47					.11			T	.11								.04		.06									
LEFOR 10 E	1.90	.14	.45	.03		.23						T							.63	.37	.03	.02	T									
LINTON	1.24	.07	.31		T	.28	.01		T										.32	.20		.05	T									
LISBON	2.98	.10	1.70			.11				.11			.14						.15	.53	.08	T	.06									
LITCHVILLE	3.62	T	2.06	.02	T	.15				.01	T		.06		T	.07			.46	.54	.20		.05									
LOSTWOOD 12 N	.58											.25	.05						.10		.10	.03	.05									
MADDOCK AGR SCHOOL	3.56	2.05	.65	T		.15			.09		T	T	.07		.05	T		T	.38		.04		.08									
MANDAN EXP STATION	.92	T			T	.14			.05				.05						.22	.37	T		.06	.03								
MANDAN FT LINCOLN PARK	.67	T	.10		T	T					T							T	.38	.06		.07	.06									
MARMARTH	1.23		.25		T	.05							T						.21	.55		.11	.06									
MARTIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAX	1.15	T	.63										.03			T			.30	.08			.04	.07								
MAYVILLE	5.00	.69	2.57	.14						.10		T	.29	T	T	.03	.01		.82	.14	.17	.04	T									
MC CLUSKY	1.18		.22			.06			.05			.03						.01	.65	.02	.03	.06	.05									
MC HENRY 5 N	4.88	.45	3.08	.17		.16	.03		.05			.02	.13		.02	.01		T	.66		.03	.02	.05	T		T						
MC LEOD 3 E	3.14		1.40	.10		.09				.17			.17						.70	.30	.10	.02	.09									
MC VILLE	5.31	.48	3.17	.08			.10		.05	T		T	.11		.11	.30	T		.85	.06	T			T					T			
MEDINA	1.47		.57			.16							.11						.53				.10									
MEDORA 3 NNE	2.62	1.36	.11		.01	.31					T	.02			.03			T	.56	.14	.06		.02									
MEDORA 23 NNW	.94		.32			.18							.18						.20		.06		T									
MINOT CAA AP	1.04	.55	.02	T		T			T		T	.26			T				.13		.01	.03	.04									
MINOT EXP STATION	.55	.02	.07	T						T			.10			T			.29	T	T	T	.02	.05								
MOFFIT 4 SE	.88	.02	.06		T	T	.01		T	T		T	T						.45	.13	.07	.11	.03									
MOHALL	.75	.04	.33			T			.03			.11							.02		.02	.08	.12									
MONTPELIER	2.07	.17	.92	.01		.07			.01				T			.03			.36	.41	.05	.01	.03									
MOTT	1.59	.65	.05		.25														.45	.15	T	.04										
MUNICH 4 SW	1.25	.04	.45	.19	.01	.25			.10			.05	.03						.07		.03								.03			
NAPOLEON	1.83	.20	.46			.07							T						.68	.33		.03	.06									

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3–Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	1.45	.40	.07		.06	.24												T	.52	.10		.06										
NEW ROCKFORD 7 WNW	3.80	1.25	1.31					.15	.09	T	T	T	.09		.03	T		T	.88		T											
NEW SALEM 1 S	1.43		.18		T	.05			T	T	T	T							1.0T	.03	.02	.08	T									
NEWTOWN	.52	.02	.08			.04					.02	.02	.02						.23		.02	T	.0T									
NOONAN	.73				.10							.27							.10			.14	.12									
NORTONVILLE	1.93		.8T																.98	.08												
OAKES	3.97	.05	2.60	.34		.03				.09			.04	.04					.10	.55	.03	.06		.04								
PARK RIVER	6.47	.62	5.20	.18		.0T	.03			.08		T	.08		T	T			.21				T									
PARSHALL	.9T	.37	.09			.03						.04	.10					T	.28		.01	T	.05									
PEMBINA 2 N	3.47	.33	2.45	.33						.06	T				.04	.10		.06					.10									
PETERSBURG	5.66	1.60	2.96	.17		T			.06			.03	.05		.02	.01			.71	.01		.01	.03			T						
PETTIBONE	2.14		1.13			.11			.04		T	T	.06						.56	.09		.05	.10									
PINGREE	2.25	.20	1.16	T					T			T			T				.58	.31	T	T	T									
PORTAL	.91	.34	.15			.09				T			.12						T		.15	.03	.03	T								
POWERS LAKE 1 N	.51	.05										.18					T		.08		.12		.08									
PRETTY ROCK	.80		.07		.18	.03	T		.02	T		T	T						.47	.03	T		T									
RAUB 10 SSW	.40	T			T	T												.29	.11			T										
REEDER	1.65	.27	.2T		.05	.36				T	T								.53	.10		.07										
REEDER 14 N	1.12	.23	.38			.10													.05	.34			.02									
RICHARDTON ABBEY	1.71	.20	.38		.02	.32			T		.01	T	.03					T	.53	.20	T	.02		T								
RIVERDALE	.82	.10	.20							T			.05					T	.34	.10		T	T	.03								
ROLLA	1.28	.03	.52	.51					T			.02	.01		T	.11		.02			T	.03	.03									
RUGBY	.70	.08	.26	T					.05			.02			.09	.01			.10		.02	.02	.05									
RYDER	.32	T			T		T						.12						.13			T	.07									
SAN HAVEN	.52	.03	.21	.07					.02		T	.02				.10			T		T		.0T									
SCRANTON	1.28	.05	.20		T	.38			T			T							.35	.18	T	.12	T									
SELFRIDGE 11 W	.83	.3T			.42								.02								.02											
SENTINEL BUTTE 20 S	1.95	.60		.10	.25														.7T	.13		.10										
SHARON	4.96	1.35	2.17	.07			.05		.05			.02	.20		.03	.15			.75			.12	T									
SHERWOOD 3 N	.46	.11	.07	.02					T			.05							T		.08	.05	.08									
SHIELDS	.83	.12			T	.27													.44													
STANLEY	.90		.38								T	.24							.15		.04	.03	.06									
STEELE	1.05	.10	.26		T			T	T				.18		T			T		.3T	.10		T	.04								
SYKESTON	-	.90	.25	T		.04	.11	.04		T	T	T				T			.65	-	-	-	-	-	-	-	-	-	-	-	-	
TAGUS	.81	.41	.02								T	.10							.18			T	.10									
TIOGA 1 E	.61		.05	.05		.02							.12						.08		.20	.02		.07								
TOLLEY	.51				T	T						.25							.12		.14	T										
TOWNER	.41	.06	.06							.05		.05							.19													
TROTTERS 6 SE	1.05				T	.16					T	T						T	.51	.18	.20	T										
TURTLE LAKE	.71	.06	.04						T			.02						.04	.46	.01	T	T	.06	.02								
TUTTLE	1.29		.24			.09	.02		.05				.06						.54	.14	.02		.13									
UNDERWOOD	.84					.0T							.05						.37	.30			.05									
UPHAM 3 N	.35	T	.13									.05							T				.17									
VALLEY CITY	3.34	.14	1.16	.6T	T	.06	.03	T	.02				.08			T			.90		.10	.10	.08									
VELVA	.70	.01	.29	.01			.01			.01			.14			.01			.07	.04		.01	.03	.0T								
VERONA	3.96	.06	3.18		.06					.05			.03		.02				.18	.29	.07	.02										
WAHPETON STATE SCHOOL	4.89	.05	2.53	.46		.03				.31			.12			T		.05	1.04	.12	.07		.11	T								
WALHALLA	2.64	.33	1.6T	.53					.07				T		T			.02			T			.02								
WARWICK	4.92	1.93	1.67	.14	T		.12						T					T	1.06													
WASHBURN	.93	T	.10			.07						T		.04					.50	.12	.03		.07									
WATAUGA S DAK 8 N	.72					.22	T												.50													
WATFORD CITY	1.02					.15							.10					.05	.53		.06	.10	.03									
WATFORD CITY 14 S	1.64		T			.45				.02			.05					.23	.71	.02	.08	.08										
WESTHOPE	1.45	1.23							.03			.08			T							T	.11									
WILDROSE	1.76				.32							.88							.18		.29	.09										
WILLISTON WB CITY R//	.71	.03			.28	T					.03	.03						T	.24		.09	.01	T									
WILLISTON EXP FARM	.87	.02			.10	.20					.01	.04							.38		.10	.02										
WILLOW CITY	.30		.0T						.04		.01	.03			.03	.03			.04				.05									
WILTON	.98		.0T			.05			.02		T		.02						.58		.21	.03										
WISHEK	1.94	.24	1.10																.28	.29	T		.03									
WOODWORTH 5 E	1.58	T	.75						.05						T			.70	.05	T			.03									
ZAHL	1.00				.12	.28					T	.17	T				T		.18		.15	.03	.0T									

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	73	73	74	68	69	74	79	66	74	71	70	68	65	75	62	70	63	51	52	54	54	57	77	74	62	61	68	86	82	80		68.4
	MIN	61	56	52	48	47	48	48	52	45	48	48	46	36	39	47	38	48	33	31	39	38	39	37	44	44	31	38	48	49	48		44.2
AMENIA	MAX	87	65	66	71	68	73	73	78	75	75	72	67	66	70	65	65	72	59	53	51	60	56	58	70	65	56	64	77	82	75		67.8
	MIN	62	60	56	50	51	52	45	50	49	49	45	49	41	38	50	37	49	42	38	32	44	39	31	47	39	28	29	46	46	51		44.8
AMIDON	MAX	76	76	74	74	74	73		81	71	68	71		61	62	74	61	73	59	39	60	57	63	66	75	77	64	62	69	86	80		68.8
	MIN	48	46	50	49	44	48		49	39	44	46		30	38	41	34	41	36	33	35	38	35	42	40	44	33	46	39	48	48		41.6
ARVILLA STATE PARK	MAX	82	77	64	77	76	67	74	73	72	73	70	63	64	68	59	68	66	57	56	50	52	54	67	69	64	58	65	76	80	77		67.3
	MIN	63	58	52	47	43	47	34	51	43	49	48	48	37	37	49	35	46	39	33	28	41	35	26	37	36	20	28	45	49	51		41.8
ASHLEY	MAX	77	70	71	63	68	72	74	74	72	73	74	66	64	75	70	66	69	60	53	55	59	64	72	71	62	57	64	77	81	78		68.4
	MIN	58	55	55	41	52	41	40	40	42	45	42	50	35	36		32	49	35	35	34	35	35	32	44	47	30	35	48	43	44		41.7
BEACH	MAX	70	75	75	75	73	69	74	82	67	71	68	70	62	62	76	63	74	54	42	51	59	52	64	76	78	62	60	75	85	82		68.2
	MIN	48	50	47	47	49	42	49	50	40	40	45	44	32	39	40	30	42	42	32	33	40	37	36	38	42	36	42	46	44	42		41.5
BELCOURT INDIAN RES	MAX	74	72	67	69	72	69	73	71	67	67	61	58	61	70	62	61	59	55	56	55	56	52	62	67	61	53	66	76	77	74		64.8
	MIN	62	58	53	38	43	45	37	50	39	42	44	42	33	35	45	29	38	36	23	27	32	33	20	41	38	26	32	42	42	44		39.0
BELFIELD	MAX	68	71	76	70	69	75	81	70	71	62	69	59	59	68	63	70	68	48	49	54	52	60	74	76	60	59	67	85	82	80		67.2
	MIN	48	46	46	45	47	39	45	42	37	39	41	45	30	36	42	32	30	29	20	39	40	35	34	37	41	33	41	42	42	38		38.7
BEULAH	MAX	71	75	78	76	76	73	78	84	66	75	71	69	62	65	75	61	73	62	44	54	55	56	55	79	76	61	64	73	90	82		69.3
	MIN	60	53	48	42	42	40	41	48	39	39	42	47	28		42	29	40	40	28	28	33	33	35	36	38	23	23	38	38	35		38.2
BISBEE	MAX	75	70	66	68	72	67	73	67	70	67	62	58	62	71	60	63	61	56	55	48	56	53	61	69	60	54	66	71	78	74		64.4
	MIN	62	60	53	43	49	48	42	49	40	48	47	45	35	40	41	33	42	35	25	32	40	36	27	40	40	24	29	42	45	43		41.2
BISMARCK WB AP	MAX	75	74	75	69	73	76	80	72	76	73	72	65	67	77	61	72	70	50	55	55	56	59	78	75	62	64	72	84	84	81		70.1
	MIN	60	58	50	41	52	48	45	49	42	44	45	45	35	37	38	34	43	36	35	40	35	36	36	42	35	27	41	48	45	41		42.1
BOTTINEAU	MAX	72	78	73	71	73	77	74	77	66	71	70	60	63	65	74	54	66	61	47	57	49	55	55	67	70	55	57	70	82	80		66.3
	MIN	64	58	55	42	50	50	47	49	36	45	45	39	34	38	44	31	40	38	21	28	32	32	23	36	40	27	37	44	40	43		40.3
BOWBELLS	MAX	77	72	73	75	73	74	80	77	70	67	64	62	71	71	58	66	61	54	56	54	55	56	77	76	71	60	72	83	79	80		68.8
	MIN	58	53	53	44	49	44	48	50	44	48	52	33	35	43	42	35	42	34	22	32	35	36	28	39	38	26	40	45	45	39		41.1
BOWMAN COURT HOUSE	MAX	76	73	73	72	68	74	80	79	70	68	71	71	61	75	70	72	71	56	51	49	53	63	76	78	75	59	69	87	81	79		70.0
	MIN	49	48	45	50	44	46	46	48	37	39	41	46	34	34	43	33	42	32	29	38	39	35	38	42	42	34	41	39	45	47		40.9
BUTTE	MAX		75	70	69	75	72	74	80		73	70	61	61		74		61	50	45	55			55	65	60	60	65			82		66.0
	MIN		55	55	45	52	46	50		43	46	48	44	38				42	30	28	33			35	43	40	30	40					
CARRINGTON	MAX	73	78	69	67	68	70	71	75	71	72	70	64	60	62	70	54	65	65	42	53	51	57	51	70	70	54	54	63	77	78		64.8
	MIN	59	57	53	42	47	46	45	49	43	47	47	49	35	39	46	34	37	40	30	31	38	36	26	26	40	27	29	32	46	44		40.7
CARSON ND 2	MAX	80	75	75	74	65	70	75	78	74	74	71	74	64	67	76	65	70	70	44	53	54	55	61	78	75	64	62	67	84	82		69.2
	MIN	64	54	51	47	49	45	51	49	38	40	41	50	31	38	45	35	43	40	32	34	37	35	35	37	49	32	38	42	44	41		42.2
CAVALIER	MAX	80	78	63	70	74	71	70	65	73	71	67	60	64	69	65	63	63	57	58	58	54	55	55	63	57	55	63	74	80	75		65.7
	MIN	64	61	54	48	49	51	38	51	43	53	50	45	40	41	50	38	45	38	31	36	42	38	30	38	40	22	29	44	50	55		43.8
CENTER	MAX	73	70	69	71	74	71	80	72	75	70	73	65	65	73	66	71	65	55	54	56	56	55	73	74	65	61	70	84	83	80		69.0
	MIN	63	55	54	46	48	42	40	45	40	41	41	42	33	34	45	29	40	32	30	34	28	31	32	48	37	24	33	44	38	38		39.6
COOPERSTOWN	MAX	78	73	65	72	69	71	74	71	72	71	69	63	63	68	63	65	61	58	53	51	57	53	60	68	67	55	64	74	78	73		66.0
	MIN	63	58	54	46	52	49	42	52	43	50	46	48	37	41	41	34	46	38	33	33	40	37	26	42	43	27	32	46	46	44		43.0
CROSBY	MAX	76	74	74	74	74	77	84	80	69	72	64	60	62	72	64	68	63	53	55	54	58	56	78	74	65	61	76	87	79	76		69.3
	MIN	51	51	51	41	55	45	54	50	49	48	52	41	38	43	42	38	42	33	24	33	41	41	33	40	35		45	46	46	43		43.1
DEVILS LAKE WB CITY	MAX	77	66	66	71	73	67	75	69	72	70	66	60	63	68	55	64	62	47	55	48	57	53	60	70	51	54	65	75	79	75		64.4
	MIN	60	58	52	47	51	48	46	51	44	49	49	44	38	46	41	35	46	37	30	38	40	31	29	37	30	26	34	49	48	46		42.7
DICKINSON CAA AP	MAX	72	73	74	67	68	74	80	65	70	68	69	62	62	73	61	70	65	46	51	56	53	61	75	77	62	60	63	86	80	78		67.4
	MIN	54	52	48	51	51	46	47	45	42	44	48	40	35	37	36	36	45	31	30	41	39	39	40	43	37	33	43	45	48	45		42.4
DICKINSON EXP STATION	MAX	78	72	74	76	70	70	75	81	68	73	71	70	64	62	74	60	72	62	42	51	57	56	61	72	72	63	71	65	87	81		68.3
	MIN	58	52	50	47	52	48	49	52	40	43	45	48	31	35	44	32	35	33	28	34	42	38	35	41	40	33	39	40	44	39		41.6
DRAKE	MAX	71	75	72	68	72	71	74	78	63	73	70	66	64	69	74	56	67	62	42	54	52	59	54	73	72	56	58	69	82	80		66.5
	MIN	62	58	55	45	48	47	48	50	43	44	48	45	34	41	44	35	37	39	26	29	35	37	30	31	42	26	30	42	47	44		41.4
DUNN CENTER 2 SW	MAX	74	74	72	72	68	69	75	80	66	70	68	68	59	61	71	59	71	56	43	53	53	55	56	74	76	58	62	68	85	78		66.5
	MIN	54	55	52	47	53	52	49	54	43	47	49	49	39	40	46	38	45	43	31	31	41	42	36	39	43	29	36	40	41	44		43.6
ECKMAN 2 SE	MAX	77	76	72	73	75	79	67	74	71	68	69	71	63	65	75	60	68	63	47	57	53	56	51	75	74	56	58	72	86	79		67.7
	MIN	58	55	42	45	46	48	42	37	49	46	48	49	34	36	29	33	35	41	22	23	33	35	24	28	38	22	23	36	41	40		37.9
EDGELEY EXP FARM	MAX	88	79	69	69	65	66	73	74	75	73	74	73	66	64	75	59	66	70	45	53	52	61	64	73	72	58	56	64	76	81		67.8
	MIN	63	57	57	44	50	44	43	47	46	50	46	52	38	39	47	34	44	44	36	35	38	37	30	41	43	25	29	37	48	47		43.0
EDMORE 1 W	MAX	79	73	65	70	75	67	71	67	70	70	65	60	62	68	59	61	62	56	56	52	58	53	57	65	58	59	65	74	78	74		65.0
	MIN	59	59	52	44	47	44	35	49	38	45	45	40	31	38	45	30	41	34	26	29	38	32	23	32	40	23	30	46	43	40		39.3
ELLENDALE	MAX	84	69	70	66	65	73	76	77	75	77	75	70	66	73	68	67	66	62	53	51	63	65	70	72	63	58	64	76	85	79		69.3
	MIN	63	57	58	48	53	50	46	44	44	45	44	52	40	39	46	37	47	42	37	37	38	40	33	43	44	29	34	50	46	49		44.5
ENDERLIN	MAX	89	80	65	58	68	70	72	75	75	77	76	75	65	65	72	61	65	68	48	55	52	61	61	65	70	55	58	64	78	83		67.5
	MIN	63	57	55	46	49	43	40	46	45	42	44	46	36	39	45	34	38	46	37	31	38	37	27	33	39	27	29	34	45	48		41.3
FAIRFIELD	MAX	71	72	73	70	68	72	81	72	70	66	67	58	58	72	66	70	61	49	50	54	52	57	75	75	59	60	63	83	78	75		66.6
	MIN	52	50	49	50	53	49	49	50	42	45	46	43	38	38	41	37	39	35	29	38	41	39	39	44	41	33	42	45	47	47		43.0
FARGO WB AP	MAX	81	69	61	74	68	72	73	79	73	77	74	63	65	67	59	64	69	55	53	49	57	56	57	68	52	58	65	75	83	73		66.3
	MIN	69	61	56	54	54	50	43	52	51	52	48	45	40	43	46	37	53	40	38	36	44	36	30	47	35	28	38	50	51	47		45.8
FESSENDEN	MAX	78	77	78	72	74	74	76	71	73	72	68	62	68	73	65	66	68	55	55	55	60	58	74	74	70	62	65	80	82	80		69.5
	MIN	53	55	56	43	54	48	47	46	42	42	45	42	36	40	44	33	42	32	30	35	38	36	27	42	42	26	34	43	45	43		41.4
FORMAN	MAX	82	74		69	64	74	74	79	74	73	75	67	66	70	65	66	68	61	53	49	64	65	67	70	63	58	64	79	83	78		68.8
	MIN	66	56		52	52	46	44	53	49	49	45	54	37	40	48	34	48	43	38	35	37	37	30	40	42	28	32	45	51	47		44.1
FORT YATES	MAX	86	78	75	75	67	69	75	78	75	78	78	79	66	68	80	62	70	74	48	55	56	62	66	79	76	71	62	69	82	86		71.5
	MIN	66	56	53	43	49	45	50	54	39	43	45	51	35	38	46	34	40	45	36	37	34	35	34	40	45	34	39	41	44	42		43.1
FOXHOLM 7 N	MAX	78	72	74	76	75	76	82	81	72	72	67	62	64	72	70	69	67	62	59	56	55	56	78	77	72	59	74	88	84	75		70.8
	MIN	58	57	55	39	51	47	42	52	47	49	53	43	36	43	44	32	39	36	26	34	33	39	24	44	41		36	39	46	42		42.3
FULLERTON	MAX	89	76	68	65	68	75	76	77	75	78	76	67	66	75	70	67	67	64	54	60	63	66	71	73	62	57	67	78	84	79		70.4
	MIN	63	58	57	45	41	42	42	49	44	45	44	48	36	38	46	32	47	42	36	35	35	37	31	44	44	26	32	49	46	47		42.7
GACKLE	MAX	79	69	68	65	64	73	74	71	72	73	70	68	64	72	68	68	63	50	57	54	61	59	73	70	64	52	64	78	80	76		67.3
	MIN	54	54	55	48	44	41	41	50	44	44	43	40	35	36		36	44	37	34	37	37	36	34	46	44	28	38	50	48	44		42.1

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	68	72	71	74	72	72	75	80	72	73	70	62	66	65	74	60	68	54	40	56	56	58	66	77	73	57	58	70	85	87		67.7
	MIN	55	51	51	45	51	47	47	52	47	47	48	46	35	37	40	35	36	38	28	31	34	36	36	40	43	28	34	34	36	42		41.0
GRAFTON	MAX	80	78	64	69	69	72	69	70	73	71	71	65	63	66	60	60	63	59	56	56	53	56	54	63	60	53	63	75	80	77		65.6
	MIN	64	60	53	49	50	50	40	51	45	52	48	47	39	42	50	37	47	40	34	35	42	38	28	39	41	27	31	45	51	53		44.3
GRAND FORKS CAA AP	MAX	83	65	62	74	74	69	73	74	74	73	70	62	63	65	61	63	67	50	54	47	54	55	56	64	52	55	65	75	78	72		65.0
	MIN	66	59	55	49	50	50	42	52	47	51	49	43	39	44	44	38	49	39	36	34	43	33	28	39	35	26	32	48	47	48		43.6
GRAND FORKS UNIVERSITY	MAX	80	65	62	71	72	69	71	74	74	74	70	61	64	63	61	62	66	54	53	47	54	55	54	63	52	54	64	75	78	72		64.5
	MIN	63	58	53	47	48	48	40	50	45	48	47	47	36	42	48	35	47	37	33	32	41	36	26	37	40	24	29	44	44	46		42.4
GRAND RAPIDS 1 N	MAX	85	77	75	67	69	73	76	77	75	75	73	67	65	73	67	68	69	64	53	52	62	63	73	70	58	59	68	77	83	80		69.8
	MIN	62	58	55	45	52	43	46	48	43	48	43	52	34	35	46	30	46	40	37	32	32	35	26	42	43	25	29	50	43	44		42.1
GRANVILLE	MAX	77	72	70	71	73	76	79	72	72	70	64	62	64	73	61	70	68	55	55	52	57	56	76	72	60		72	82	82	78		68.7
	MIN	62	59	56	41	53	45	46	53	43	46	51	53	36	42	49	35	40	35	25	38	35	38	28	41		22	37	43	47	44		42.
GRENORA	MAX	75	73	74	72	73	76	85	78	72	71	61	63	62	70	73	69	65	56	53	56	51	61	78	76	72	62	78	88	80	78		70.
	MIN	61	53	51	50	54	53	62	52	51	51	52	43	35	37	36	38	44	32	22	36	31	41	34	36	40	33	44	46	40	38		43.
HANKINSON R R STATION	MAX	90	82	65	60	68	67	72	70	78	70	74	75	64	64	69	60	63	72	55	52	51	60	51	65	68	62	56	61	75	80		66.
	MIN	66	61	57	53	53	49	47	49	50	49	50	55	42	43	44	39	40	53	38	33	38	42	29	31	42	30	33	33	48	51		44.
HANNAH	MAX	75	72	62	69	73		73	66	70	68	60	58	60	71	60	62	60	50	55	48	51	52	58	65	53	54	65	74	77	72		63.
	MIN	63	58	53	44		44	34	50	38	45	45	41	34	38	46	30	43	36	24	30	40	33	23	34	35	20	33	46	44	42		39.9
HANSBORO	MAX	77	68	65	70	73	61	74	63	70	70	62	59	61	71	55	63	60	45	58	49		52	61			55	67	78		78		64.0
	MIN	63	55	49	41	45	44	39	51	41	44	47	43	36	40		32	41	36	24	31	35	36	25			22	29	44		47		40.7
HETTINGER	MAX	70	72	72	69	66	71	79	66	70	69	72	69	64	74	64	69	66	50	49	57	56	61	77	78	64	60	64	85	80	79		68.1
	MIN	54	52	49	54	47	44	49	52	40	43	42	47	34	35	44	33	48	32	31	41	40	36	37	40	41	36	47	40	47	44		42.6
HILLSBORO	MAX	86	76	65	72	71	73	72	79	79	72	75	67	67	68	68	64	71	64	54	53	56	55	56	67	65	56	64	75	81	74		68.7
	MIN	59	60	54	50	51	54	45	44	41	46	48	52	42	42	50	38	49	40	38	35	44	38	31	42	45	33	29	46	44	50		44.7
JAMESTOWN CAA AP	MAX	78	68	66	67	69	74	76	73	73	73	71	65	66	73	57	68	69	51	54	50	60	58	73	72	56	56	66	77	80	78		67.2
	MIN	64	59	49	45	53	47	44	49	43	50	46	40	37	39	39	35	47	38	35	35	36	36	27	45	34	27	30	49	47	46		42.4
JAMESTOWN STATE HOSP	MAX	85	70	72	67	68	72	78	73	79	71	73	63	65	71	55	66	68	66	54	60	62	60	73	78	75	58	65	78	80	80		69.5
	MIN	65	58	55	46	54	48	44	52	45	48	46	52	37	38	48	34	48	38	36	38	37	37	28	49	42	29	30	50	48	46		44.2
KENMARE	MAX	71	77	73	74	77	75	76	80	70	71	70	60	61	62	72	59	69	58	45	55	50	55	55	75	73	58	60	72	85	80		67.3
	MIN	57	53	52	43	48	44	45	50	45	47	50	40	36	39	45	35	35	35	24	26	35	35	28	36	37	25	26	43	46	43		40.1
KENSAL WILDLIFE REFUGE	MAX	79	72	69	71	72	74	76	75	73	74	70	70	67	72	67	69	69	62	57	55	62	57	71	74	73	57	64	75	83	78		69.6
	MIN	57	58	53	42	55	45	43	41	44	46	46	46	35	39	47	31	41	38	31	31	33	35	24	43	38	29	30	48	46	42		41.2
LANGDON EXP FARM	MAX	77	72	60	68	72	67	72	70	70	70	65	59	62	69	66	61	65	57	55	48	58	53	55	66	59	53	63	72	78	75		64.6
	MIN	57	57	48	44	45	45	36	50	38	47	45	40	32	37	47	30	42	36	25	30	39	33	23	31	38	25	34	45	43	45		39.6
LARIMORE	MAX	83	72	63	74	74	69	74	74	74	74	70	63	65	67	61	65	67	59	55	53	56	55	57	69	60	55	65	77	80	75		66.8
	MIN	64	58	52	49	50	51	38	53	45	52	47	50	38	43	49	35	49	39	35	33	42	38	28	39	41	25	32	46	51	51		44.1
LEEDS	MAX	77	71	68	70	74	70	75	72	71	70	67	59	63	70	61	64	64	56	55	51	58	54	65	70	62	55	66	77	79	75		66.3
	MIN	58	58	52	40	50	45	42	51	41	45	47	42	31	45	46	30	41	35	26	37	38	36	21	38	41	19	33	45	46	43		40.7
LINTON	MAX	82	72	76	69	75	74	80	73	78	75	75	68	69	80	62	72	70	58	56	69	59	65	80	78	65	62	70	81	86	82		72.0
	MIN	62	57	52	44	53	43	45	44	35	41	36	50	29	33	48	29	50	38	35	36	32	31	32	35	32	30	39	51	40	37		40.6
LISBON	MAX	88	76	65	68	67	72	74	76	72	75	75	70	65	70	70	65	65	63	53	53	62	61	65	72	67	56	63	78	82	77		68.8
	MIN	63	60	57	49	54	44	42	50	47	48	44	55	37	40	48	34	48	43	38	31	37	37	26	48	41	26	29	47	48	47		43.9
LOSTWOOD 12 N	MAX			71	73	70	73	78	68	69	68	62	69	61	70	58	65	63	52	53	52	54	54	76	75	68	60	70	83	81	74		66.6
	MIN			52	41	47	43	50	48	42	43	48	39	34	40	43	32	38	32	21	33	32	34	27	42	38	29	40	45	43	40		39.1
MADDOCK AGR SCHOOL	MAX	75	70	78	70	72	70	75	70	72	70	65	60	63	71	63	63	65	55	53	50	58	53	65	70	65	55	65	76	78	75		66.3
	MIN	61	55	54	43	53	48	45	51	42	42	48	48	35	43	46	33	42	36	29	34	39	38	27	41	41	26	32	45	47	45		42.3
MANDAN EXP STATION	MAX	77	76	72	75	69	74	74	80	70	76	72	71	63	66	74	61	71	68	42	55	50	56	59	78	75	61	62	71	85	83		68.9
	MIN	64	57	53	41	47	47	45	51	40	43	45	50	35	38	46	34	42	40	33	40	33	38	34	45	41	26	37	46	44	43		42.6
MANDAN FT LINCOLN PARK	MAX	78	74	73	70	74	77	82	76	78	72	69	70	68	70	63	70	70	56	56	59	58	61	79	76	67	62	70	82	85	83		70.5
	MIN	62	54	50	47	46	46	40	42	39	40	41	44	36	40	36	31	40	36	31	40	32	32	33	43	38	24	34	41	44	40		40.1
MARMARTH	MAX	75	70	75	76	77	70	75	83	66	72	70	72	64	63	75	64	75	63	45	51	59	55	65	76	80	67	61	74	86	82		69.5
	MIN	50	51	46	54	49	41	50	54	34	38	42	47	28	32	47	30	44	44	34	35	41	35	36	34	36	39	42	30	39	47		41.0
MAX	MAX	70	75	69	72	74	70	73	78	66	77	73	63	69	64	72	57	69	53	40	54	52	55	52	75	74	55	59	70	83	81		66.5
	MIN	62	55	51	44	49	47	47	51	41	45	47	43	34	39	45	34	39	37	27	29	33	35	29	36	42	27	33	40	43	42		40.9
MAYVILLE	MAX	82	74	64	72	68	66	73	67	74	69	73	62	64	60	55	64	69	59	53	48	56	55	57	67	61	56	65	77	80	72		65.4
	MIN	66	60	56	50	51	49	49	52	47	52	49	48	40	43	50	38	50	40	37	34	43	39	30	41	42	27	31	46	49	49		45.3
MC CLUSKY	MAX	73	71	71	71	73	74	80	72	72	72	66	61	64	72	66	68	62	51	54	54	58	52	75	73	70	58	69	80	81	78		68.0
	MIN	60	56	55	45	53	46	48	51	43	43	45	48	33	40	45	33	41	35	28	37	34	35	30	44	41	26	37	39	40	44		41.6
MC HENRY 5 N	MAX	76	69	65	70	70	70	73	70	73	72	68	64	62	69	57	63	65	54	53	48	58	54	61	69	53	55	64	73	78	75		65.0
	MIN	59	58	53	43	50	48	42	50	41	45	42	49	35	38	45	31	44	37	30	33	39	34	26	39	38	24	32	46	45	44		41.3
MC LEOD 3 E	MAX	86	77	65	70	65	76	75	80	73	74	76	70	66	70	62	65	68	63	57	52	58	63	66	71	60	58	63	78	84	78		69.0
	MIN	63	60	55	54	54	45	42	52	49	50	45	53	37	39	43	34	51	43	38	33	35	38	28	45	38	29	34	47	50	45		44.3
MC VILLE	MAX	78	72	64	71	71	70	74	70	72	70	68	61	62	67	57	64	65	55	53	50	55	54	59	67	55	54	64	73	78	74		64.9
	MIN	62	59	54	46	50	48	38	52	41	49	45	49	35	40	47	32	47	38	32	31	41	35	24	37	40	25	33	45	43	42		42.0
MEDORA 3 NNE	MAX		76	72	73	71	75	84	81	73	69	69	63	62	75	69	74	70	44	51	59	57	63	77	78	71	62	70	87	82	81		70.3
	MIN	47	51	42	50	53	41	48	55	36	37	43	49	29	33	45	27	36	36	32	40	46	33	34	33	35	37	47	40	37	33		40.2
MINOT CAA AP	MAX	76	70	70	73	72	74	79	67	70	69	62	60	62	71	57	67	60	48	54	50	52	52	75	73	54	59	71	86	80	75		66.3
	MIN	58	57	50	46	52	48	48	52	45	46	50	45	39	48	45	39	41	35	27	41	34	36	32	43	33	23	39	47	52	46		43.2
MINOT EXP STATION	MAX	71	73	71	70	74	72	73	80	68	72	70	65	62	63	73	60	69	61	42	54	52	55	54	76	73	51	61	71	85	81		66.7
	MIN	59	55	56	42	49	43	49	55	44	46	49	44	34	43	30	36	39	38	27	34	36	39	29	43	41	24	33	43	43	47		41.7
MOFFIT 4 SE	MAX	70	70	71	70	71	73	80	77	75	74	72	68	67	76	65	70	68	68	54	61	59	58	76	76	72	61	68	82	82	78		70.4
	MIN	63	57	56	41	50	40	43	53	35	37	38	51	29	31	45	28	43	40	34	32	29	33	32	45	41	24	31	49	40	36		40.2
MOHALL	MAX	77	72	72	73	73	74	80	80	72	72	67	63	64	72	60	69	64	55	57	56	56	56	78	73	71	59	73	87	81	76		69.4
	MIN	60	56	55	40	50	44	46	51	43	43	52	45	35	42	47	33	42	37	21	30	32	34	25	42	40	22	35	40	44	42		40.9
MOTT	MAX	70	73	72	68	68	73	79	68	71	69	70	62	65	73	63	71	65	52	52	56	55	62	77	75	63	62	63	88	82	80		68.2
	MIN	53	52	47	46	49	43	47	48	35	39	41	48	31	32	42	27	39	32	31	40	37	33	35	38	37	29	39	36	42	39		39.6
MUNICH 4 SW	MAX	76	70	69	68	74	66	72	68	70	68	63	58	62	68	59	62	63	54	56	48	59	55	58	68	55	53	64	73	80	76		64.5
	MIN	57	57	51	42	45	42	37	48	36	45	43	36	29	36	42	29	39	32	22	28	35	30	20	32	37	21	27	43	40	40		37.4

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	80	69	73	69	72	75	77	74	74	72	72	65	66	73	61	69	70	59	54	57	61	59	75	74	62	59	65	79	83	80		69.3
	MIN	53	57	55	46	54	44	47	54	43	46	44	52	35	37	47	35	51	38	34	36	35	36	33	43	44	28	39	52	43	40		43.4
NEW ENGLAND	MAX	72	73	74	69	69	73	81	73	70	68	70	62	63	74	61	71	61	55	50	56	54	62	76	77	63	61	63	87	81	78		68.2
	MIN	52	50	47	48	50	44	45	51	40	40	46	46	33	32	38	29	45	32	31	40	42	37	35	41	39	31	41	38	44	40		40.9
NEW SALEM 1 S	MAX	75	73	74	66	73	75	80	71	73	71	69	64	66	75	65	70	67	51	54	54	55	56	76	75	61	60	68	85	82	81		68.8
	MIN	55	52	50	43	47	46	45	43	42	43	44	47	34	40	43	38	41	30	30	39	36	37	36	45	39	26	39	39	50	47		41.5
NEWTOWN	MAX	76	74	76	73	73	76	83	73	72	69	66	62	62	74	68	71	62	53	55	52	53	55	78	75	65	60	73	85	80	77		69.0
	MIN	56	55	50	45	54	45	59	52	46	46	52	41	36	42	46	33	38	38	27	39	36	41	34	42	42	30	41	44	43	44		43.2
OAKES	MAX	90	80	68	62	68	66	67	74	77	73	76	75	65	63	72	58	66	65	48	52	50	61	64	67	70	59	57	67	77	82		67.3
	MIN	65	60	59	50	53	45	43	45	46	47	42	50	36	38	45	32	40	47	37	34	37	37	29	35	40	28	32	40	50	48		43.0
PARK RIVER	MAX	82	71	64	71	71	65	70	70	73	72	70	65	63	67	62	64	65	60	55	55	56	55	55	67	66	53	65	75	80	77		66.1
	MIN	64	60	54	52	49	52	41	53	46	54	50	47	40	44	50	38	45	38	34	38	42	40	29	37	42	26	28	43	54	54		44.8
PARSHALL	MAX	78	73	74	74	72	76	81	75	72	70	65	62	62	74	63	70	68	53	53	50	56	54	76	75	73	60	71	85	80	78		69.1
	MIN	55	54	50	43	50	42	49	52	45	44	47	42	32	45	46	35	40	37	27	38	34	35	32	40	41	28	41	38	41	35		41.3
PEMBINA 2 N	MAX	86	75	68	74	80	70	74	73	76	74	65	62	66	70	60	66	65	55	61	54	53	58	51	64	59	61	67	74	83	82		67.5
	MIN	64	61	53	49	49	49	39	52	43	52	40	44	38	44	50	41	47	40	32	33	47	39	28	37	40	24	31	45	48	50		43.6
PETERSBURG	MAX	78	71	63	70	72	67	72	69	71	69	67	60	62	65	57	62	65	54	55	49	55	53	56	67	58	52	62	72	77	74		64.1
	MIN	63	59	53	48	49	48	40	52	42	49	47	48	36	40	47	33	47	37	31	33	42	36	27	35	39	27	32	45	46	47		42.6
PETTIBONE	MAX	75	74		69	67	70	75	70	72	67	67	66	60	71		65	65	58	51	53	51	53	72	71	67	55	63		78	75		65.9
	MIN	58	56		44	52	47	45	50	39	40	42	50		37		31	41	37	30	36	33	33	28	46	42	27	32		48	42		41.0
PORTAL	MAX		77	72	73	73	73		81	69	69		60	69			67		65						72	72	55	61		88	80		
	MIN	54	51	54	44	51	45	48	46	41	45	50	38	30	39	42	35	39	35	18	30	35	36	29	34	36	27	38	42	45	38		39.8
POWERS LAKE 1 N	MAX	77	75	74	73	72	74	80	70	70	69	60	60		70	60	65	60	48		60	56	54	76	72		68	69	84	78	76		68.5
	MIN	52	50	42	42	49	42	48	48	48	45	49	36	28	42	35	31	39	33	19	34	32	30	27	32		28	40		36	33		38.2
RAUB 10 SSW	MAX	75	73	76	75	72	76	82	73	76	75	68	64	62	78	66	75	61	50	55	55	56	56		73	64	62	74	88	82	80		69.7
	MIN	57	56		49	54	50	51	54	46	38	49	43	35	47	49	38	44	36	38	43	40	42	39	42	44	35	46	48	52	45		45.2
RICHARDTON ABBEY	MAX	72	72	72	70	68	75	80	76	73	69	67	62	61	74	70	70	67	50	51	55	53	57	77	74	69	61	68	88	80	80		68.7
	MIN	53	52	52	48	51	50	48	53	42	43	46	48	35	37	45	38	45	31	31	40	40	38	38	40	42	32	41	42	47	46		43.1
RIVERDALE	MAX	70	74	70	73	71	72	73	80	66	73	70	67	63	63	72	59	69	59	46	52	54	56	53	75	72	58	60	70	85	79		66.8
	MIN	62	58	56	45	51	46	47	50	42	45	50	49	42	43	48	33	43	40	33	36	33	37	33	39	39	28	33	42	46	43		43.1
ROLLA	MAX	75	70	71	70	72	61	74	65	69	67	61	57	61	70	58	63	60	52	56	48	56	52	62	68	55	54	65	77	78	75		64.1
	MIN	62	57	51	42	47	41	43	45	39	45	45	43	37	40	45	34	41	36	27	35	38	36	27	41	33	24	30	43	43	51		40.7
RUGBY	MAX	76	74	71	73	74	72	77	75	72	71	68	61	63	72	67	66	62	58	54	54	56	54	68	72	69	57	69	81	80	77		68.1
	MIN	63	58	56	44	53	51	48	53	41	45	48	44	35	42	46	32	42	35	25	36	35	37	26	40	42	27	38	45	45	50		42.7
SAN HAVEN	MAX	76	71	68	69	73	66	74	71	67	67	60	59	61	70	64	62	57	53	56	49	56	52	64	68	60	54	67	78	78	75		64.8
	MIN	64	58	55	42	52	50	47	49	38	45	47	43	37	43	45	35	42	37	26	33	35	37	24	43	39	28	34	45	46	49		42.3
SHARON	MAX	78	71	64	70	71	70	72	72	70	70	68	62	61	67	56	63	67	56	52	50	55	53	58	66	59	55	64	75	77	73		64.8
	MIN	63	58	53	44	50	49	37	50	43	50	45	47	36	39	47	33	46	38	33	33	41	35	26	40	41	25	32	45	49	47		42.5
STANLEY	MAX	77	71	74	73	74	75	81	77	70	68	60	59	61	71	60	68	60	49	53	50	56	53	75	75	63	60	71	85	80	76		67.5
	MIN	53	53	51	40	49	43	45	49	43	46	48	39	36	42	44	31	41	35	27	38	33	36	29	42	38	27	40	38	47	42		40.8
STEELE	MAX	76	70	72	69	69	73	73	65	73	72	70	67	65	74	64	62	69	68	60	54	57	60	69	74	72	60	67	80	81	78		68.8
	MIN	60	57	55	45	46	45	57	53	40	41	42	50	35	37	42	40	44	32	28	32	37	35	35	32	44	25	36	47	45	45		42.1
TIOGA 1 E	MAX	68	77	73	75	74	73	75	83	68	72	69	60	61	62	73	60	67	54	43	53	53	59	58	76	74	59	58	72	85	78		67.1
	MIN	48	52	46	46	51	42	50	46	43	43	43	39	33	41	39	33	40	37	21	30	35	34	32	38	42	30	38	45	41	37		39.8
TOWNER	MAX	77	76	74	75	74	76	78	69	74	73	67	68	66	75	63	69	64	54	57	52	60	51	73	72	62	59	72	85	83	85		69.4
	MIN	58	53	52	37	43	45	43	40	48	38	45	37	29	39	35	28	35	31	19	26	29	32	22	35	37	19	30	39	40	47		37.0
TURTLE LAKE	MAX	73	71	71	72	74	76	80	74	76	74	66	63	67	74	70	69	65	51	55	52	57	59	76	75	68	60	71	83	82	80		69.5
	MIN	59	55	52	41	48	46	47	50	42	45	48	46	34	40	45	33	40	34	27	39	34	32	37	40	42	25	36	45	44	44		41.7
UNDERWOOD	MAX	70	74	71	73	72	73	76	80	67	75	71	67	63	65	74	60	70	67	41	52	53	52	54	76	72	57	60	70	85	80		67.3
	MIN	56	50	52	44	50	43	47	49	42	45	47	45	34	42	46	33	39	39	27	31	32	37	33	39	42	28	33	43	45	39		41.1
UPHAM 3 N	MAX	78	73	73	75	77	75	80	75	74	73	65	63	68	75	60	72	68	58	60	58	57	57	74	74	70	60	73	88	84	79		70.5
	MIN		58	55	45	53	47	47	52	40	46	51	39	31	41	47	32	40	38	22	38	32	36	24	36	43	25	37	44	43	38		40.7
VALLEY CITY	MAX	79	64	60	69	71	74	74	76	73	74	73	68	65	69	70	65	70	65	54	51	60	56	63	69	67	55	63	75	80	77		67.6
	MIN	55	57	47	53	48	42	42	47	47	49	45	52	35	39	49	36	48	42	36	34	40	39	27	47	40	27	33	46	41	45		42.9
VELVA	MAX	71	76	77	71	75	72	75	80	67	73	72	63	65	67	73	58	70	60	42	57	54	55	54	77	74	56	60	72	87	84		67.9
	MIN	63	57	55	40	48	45	46	56	45	47	52	35	43	45	49	33	37	40	25	30	33	36	26	36	43	21	28	45	46	39		41.5
WAHPETON STATE SCHOOL	MAX	91	76	63	71	70	71	74	79	71	77	77	72	68	69	65	65	74	65	58	52	64	65	63	71	66	58	65	74	84	78		69.9
	MIN	69	59	57	54	52	47	41	62	51	51	48	55	39	40	45	36	51	49	39	32	43	39	30	46	41	30	34	48	50	46		46.1
WASHBURN	MAX	75	73	76	73	72	78	79	75	74	72	70	65	65	76	70	71	67	53	55	55	58	56	78	76	72	67	68	85	82	80		70.5
	MIN	48	48	49	44	50	46	48	45	45	48	41	48	36	41	48	35	42	32	30	41	33	38	34	43	42	31	45	41	48	44		42.1
WATFORD CITY	MAX	76	75	76	72	75	79	86	79	71	71	63	62	63	74	69	73	63	50	55	56	55	57	78	76	63	63	75	85	81	79		70.0
	MIN	52	51	50	47	53	44	52	53	48	43	48	43	35	42	43	38	46	38	28	40	42	38	37	40	42	34	46	46	45	40		43.5
WATFORD CITY 14 S	MAX	76	76	77	77	75	77	86	85	74	72	68	63	63	76	72	74	73	52	53	57	57	58	78	78	77	65		86	86	82		72.2
	MIN	46	51	45	47	50	40	51	50	40	42	45	42	29	39	42	35	44	34	25	31	37	35	34	34	39	33		43	38	33		39.8
WESTHOPE	MAX	78	74	70	72	75	72	78	67	71	69	67	63	65	73	55	67	65	46	58	55	53	55	72	72	55	57	71	85	80	77		67.2
	MIN	58	56	51	48	53	54	46	46	41	46	45	43	32	45	35	33	46	34	20	34	31	36	24	42	34	25	36	41	44	41		40.7
WILLISTON WB CITY	MAX	75	74	74	71	73	76	85	71	71	66	60	62	62	74	62	72	61	49	53	56	58	60	79	76	61	63	77	87	80	78		68.9
	MIN	53	53	51	52	55	49	58	53	47	51	52	44	38	45	44	40	46	38	28	40	42	41	40	41	43	38	49	51	48	42		45.7
WILLISTON EXP FARM	MAX	75	75	75	71	71	75	85	83	71	67	62	59	61	73	68	72	70	52	51	54	58	58	77	74	70	62	77	85	79	76		69.5
	MIN	50	50	48	47	52	46	53	51	45	48	50	41	37	43	40	39	44	34	24	37	43	37	37	40	41	32	45	45	46	40		42.8
WILLOW CITY	MAX	78	73	73	72	74	73	77	74	73	70	65	62	66	73	63	66	64	56	58	52	58	57	70	72	62	56	69	83	82	73		68.1
	MIN	61	58	54	39	47	45	39	51	34	43	45	40	33	43	43	26	39	36	23	34	31	36	17	37	40	17	29	36	44	42		38.7
WILTON	MAX	69	70	72	68	71	74	78	72	72	69	68	62	64	73	67	69	65	52	52	53	56	52	75	73	60	60	69	83	80	77		67.5
	MIN	60	52	49	41	41	46	43	47	40	40	43	44	34	36	38	31	39	32	25	34	33	34	30	40	38	26	34	45	48	43		39.5
WISHEK	MAX	87	78	70	71	61	69	79		75	72	74	72	64	63	75	55	73	73	44	54	55	61	63	73	72	62	57	63	78	81		68.1
	MIN	62	55	53	41	41	39	38			45	40	49	31	28	44	25	43	42		30	31	32	28		42	21	34	43	40			39.1

See reference notes following Station Index.

Table 6

EVAPORATION AND WIND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP	.00	–	.05	.09	.10	.12	.13	.12	.14	.13	.10	.05	.11	.07	.05	.08	.11	.04	.07	.03	.04	.04	.06	.07	.10	.09	.08	.07	.18	.11		2.518
	WIND	25	46	99	21	24	22	22	63	53	47	51	31	35	69	82	34	46	40	40	28	33	46	33	42	34	36	44	53	57	28		1284
DICKINSON EXP STATION (A)	EVAP	.09	.14	.19	.11	.11	.10	.09	.24	.13	.15	.13	.09	.05	.11	.32	.12	.20	.27	–	.07	.05	.16	.03	.01	.08	.18	.15	.06	.11	.13		3.808
	WIND	50	70	140	60	90	40	30	160	60	60	70	100	60	40	155	75	110	180	100	20	30	30	30	110	0	100	110	45	125	100		2350
EDGELEY EXP FARM	EVAP	.26	.14	.18	.12	.10	.12	.20	.05	.16	.18	.21	.16	.13	.11	.15	.11	.16	.11	.11	.11	.03	.14	.08	.09	.15	.15	.12	.07	.02	.27		3.99
	WIND	50	65	113	85	37	45	42	41	72	72	82	63	51	37	87	68	66	160	249	62	39	71	73	60	50	84	48	85	68	30		2155
MANDAN EXP STATION (A)	EVAP	.01	.09	.17	.18	.06	.09	.12	.24	.15	.15	.14	.15	.18	.15	.17	.17	.13	.06	.15	.12	.04	.03	.05	.07	.08	.18	.12	.09	.09	.12		3.55
	WIND	53	105	202	101	69	42	21	158	100	40	75	115	115	67	199	124	113	192	218	45	36	77	84	38	28	154	131	96	53	44		2895
RIVERDALE	EVAP	.14	.14	.19	.23	.18	.14	.20	.26	.18	.24	.26	.14	.15	.17	.28	.12	.15	.08	.07	.16	.14	.12	.05	.17	.11	.20	.16	.24	.14	.19		5.00
	WIND	52	111	176	89	88	38	73	189	112	90	133	125	31	163	215	108	119	142	146	65	70	98	91	70	54	150	179	189	82	45		3293
WILLISTON EXP FARM	EVAP	.21	.22	.17	.15	.10	.23	.29	.34	.34	.23	.08	.18	.21	.32	.28	.25	.16	.04	.13	.05	.14	.09	.18	.20	.22	.26	.20	.23	.31	.22		6.03
	WIND	172	78	88	45	60	46	95	180	165	140	137	143	85	202	208	67	109	162	53	64	120	100	74	57	130	140	135	96	86	58		3295

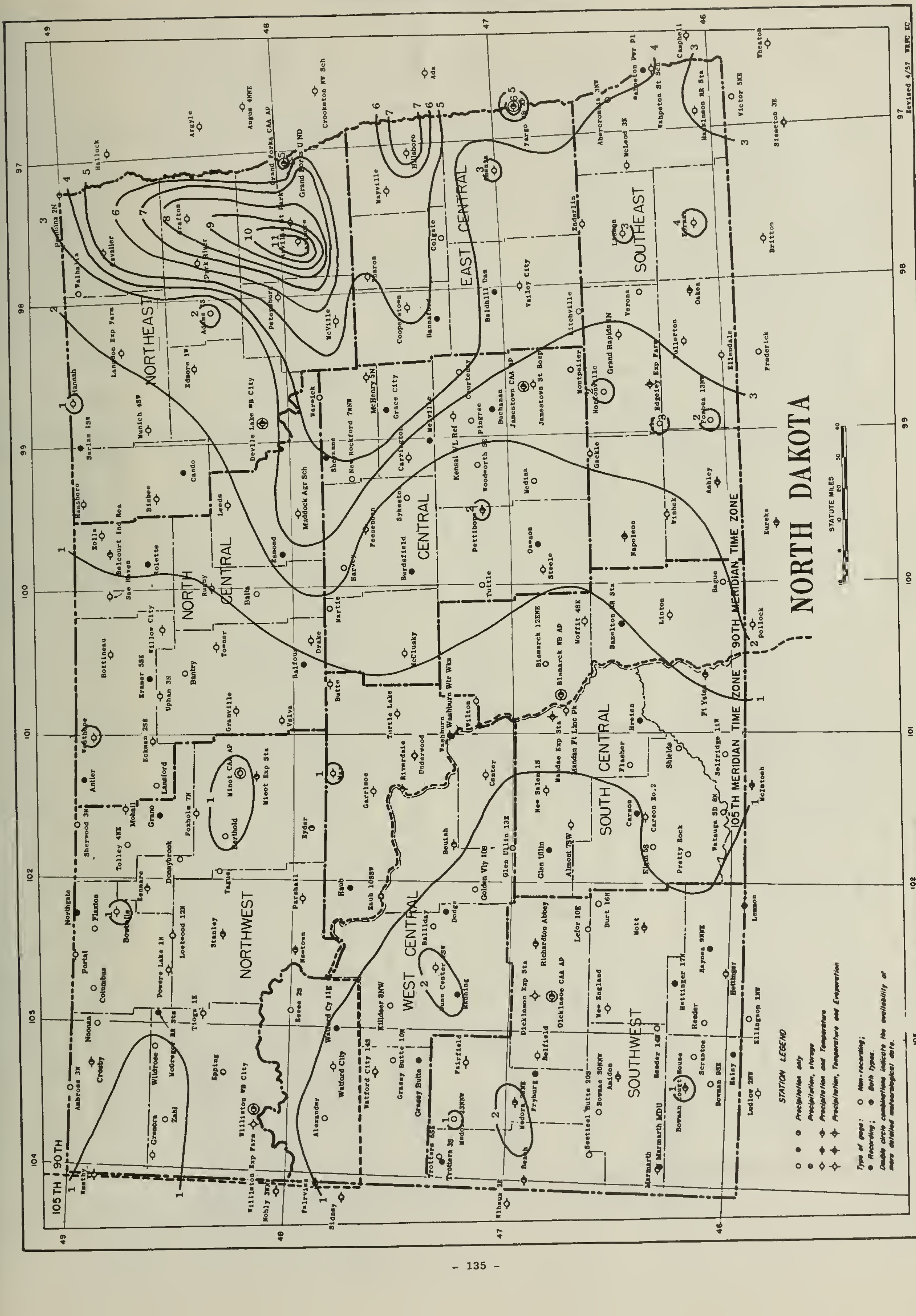
(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

Table 7

SNOWFALL AND SNOW ON GROUND

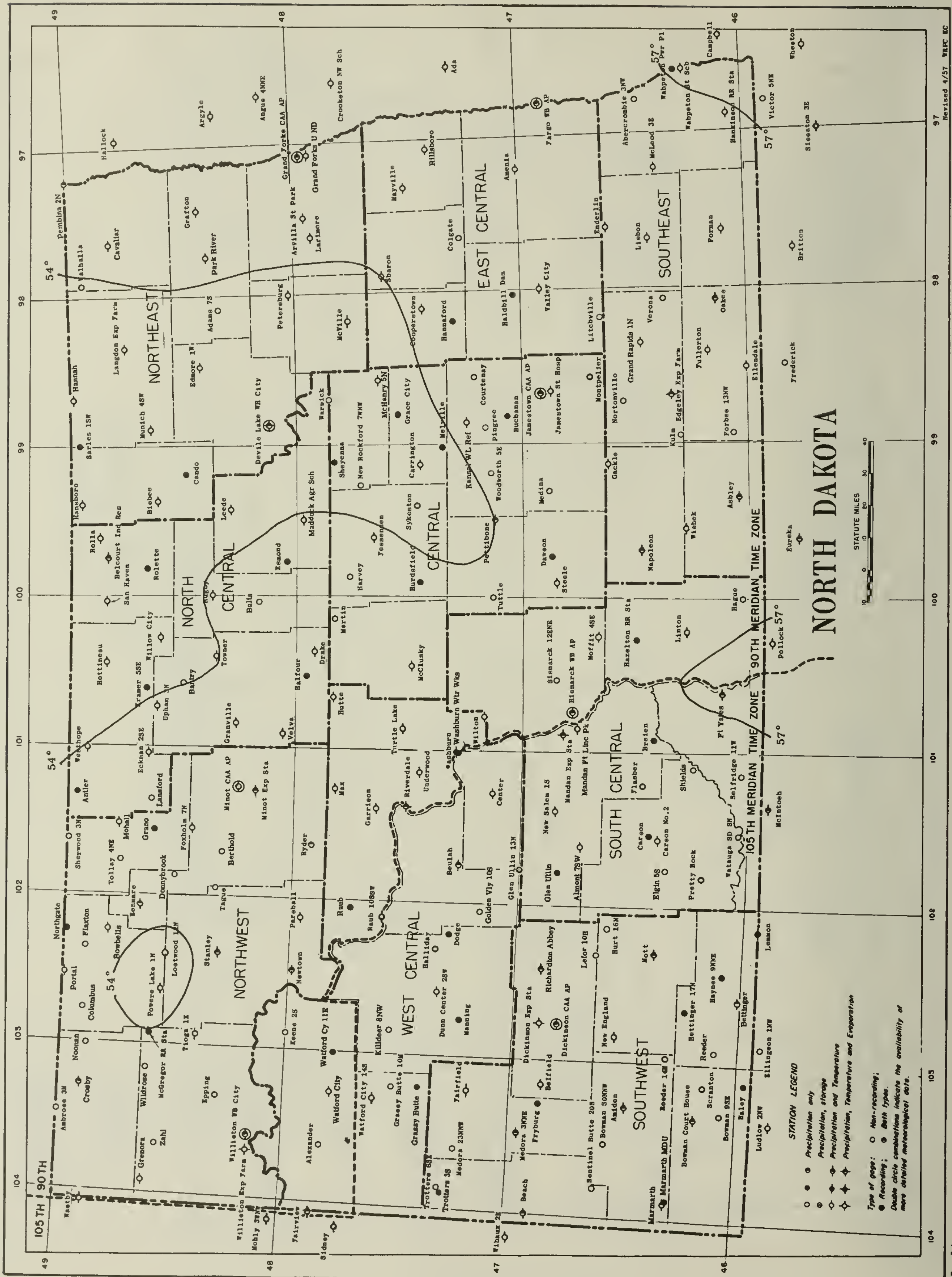
Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL																		2.0													
	SN ON GND																															
AMIDON	SNOWFALL																			4.0												
	SN ON GND																			4												
BEACH	SNOWFALL																			T												
	SN ON GND																															
BISMARCK WB AP	SNOWFALL																		T													
	SN ON GND																															
CENTER	SNOWFALL																		2.0													
	SN ON GND																		1													
CROSBY	SNOWFALL																		T													
	SN ON GND																															
DICKINSON CAA AP	SNOWFALL																		T													
	SN ON GND																															
DUNN CENTER 2 SW	SNOWFALL																		T	T												
	SN ON GND																															
EDMORE 1 W	SNOWFALL																		T													
	SN ON GND																															
FAIRFIELD	SNOWFALL																		T													
	SN ON GND																															
FARGO WB AP	SNOWFALL																		T													
	SN ON GND																															
HETTINGER	SNOWFALL																			T												
	SN ON GND																															
JAMESTOWN CAA AP	SNOWFALL																		T													
	SN ON GND																															
MINOT CAA AP	SNOWFALL																		T													
	SN ON GND																															
MUNICH 4 SW	SNOWFALL																		T													
	SN ON GND																															

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Belmer Amundsen	3
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Weer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Rogan Ramsland	2 3 5 7
Ambrose 3 W	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Geheke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Fred Fleener	2 3 5 7 C
Antler	0283	Bottineau	12	48 58	101 20	1540		MID	W. S. Wegner	C
Arvilla State Park	0389	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Pius Locker	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 38	1458		9A	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2824	6A	6A	Luther F. Rodgin	2 3 5 7 C
Belcourt Indian Res.	0826	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		8P	Joan Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak. Util. Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	O. B. Book	2 3 5 C
Bowman 9 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John R. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720		MID	Frank E. Potter	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		MID	W. B. Hendrickson	C
Burt 18 W	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruehele	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Reinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		8A	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. B. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1834	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chenley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 3 S	2592	Grant	1	46 21	101 49	2241		6P	Art A Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Consrvationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MID	John Ryminow	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Sonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3618	Grand Forks	10	47 58	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N. D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3678	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 18	100 51	1504	7P	7P	Fred Rohle	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		MID	Grayce R. Warren	C
Grassy Butte 10 W	3701	McKenzie	7	47 31	103 14	2497		8A	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	Walter Weisenburger	3
Hankinson R R Station	3908	Richland	10	46 04	98 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3928	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3983	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Olaher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		MID	John B. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8a	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davin	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels S. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	8p	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 18	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		8P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	8P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	8A	E. B. Jestnes	2 3 5 C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Station Inactive	3
Max	5838	McLean	8	47 49	101 18	2093	8A	8A	E. B. Schafer	2 3 5 7
Mayville	5660	Traill	10	47 30	97 19	975	5P	8P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	2221		MID	L. E. Erickson	C
McHenry 5 N	5330	Eddy	11	47 38	88 33	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	8P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	99 19	1795		8P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5 C
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1750	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3
Mott	8155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	8255	Logan	8	46 30	99 46	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2821	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		8P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	8P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Rhubert	2 3 5 7
Pembina	6947	Pembina	10	48 58	97 14	780	6P	6P	S. W. Douglas	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Soltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. S. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	Frank Timm	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2862		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	7P	Hugh Lyon	2 3 5 7
Sherwood 3 W	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		MID	Alvin H. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2280	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley	8764	Renville	12	48 43	101 50	1848		6P	Arthur I. Folland	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5p	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	9095	Richland	10	48 17	96 36	962		MID	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	2
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1970	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6
Willow City	9445	Bottineau	12	48 38	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Nellerud	2 3 5
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	1871		6P	John Rohrer	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

OCTOBER 1957
Volume LXVI No. 10

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ASHEVILLE: 1957

WEATHER SUMMARY

Frequent rains were unfavorable for the completion of the harvest in October. At the end of the month, a few potatoes and some sugar beets remained to be harvested. The cold temperatures on the 26th froze the top few inches of the ground in some parts of the State.

Unseasonally mild temperatures prevailed on the first few days of October. Afternoon temperatures in the 70's and 80's were general over the entire State. They reached the 90's at a few locations. The temperatures at Williston averaged more than 20° above normal on the 2d and 3d. All stations registered their highest temperatures for the month on the 1st, 2d, or 3d. Monthly maximums were near 80° along the eastern edge of the State and ranged up to near 90° or slightly higher in the extreme western counties. The highest temperature for the State, 93°, occurred at Watford City 14S on the 2d. A cold front, which moved eastward across North Dakota on October 4 and 5, brought the first of three cold spells. The second cold spell began on the 16th and the third cold spell started on the 22d. Brief mild periods separated the spells of cooler weather. Especially cold weather prevailed from the 22d to 26th. Most stations registered their coldest temperatures for the month on the 24th, 25th, or 26th. Monthly minimums were generally below 10° over the northwest quarter of the State and between 10° and 20° over the rest of North Dakota. The lowest temperature for the State, 7° below zero, occurred at Crosby on the morning of the 26th. Sub-zero temperatures occurred at only a few stations. Most stations registered subfreezing temperatures on from 10 to 20 days. Afternoon temperatures above 60° were uncommon after the first few days. Monthly mean temperatures ranged from 39.1° at Portal to 48.0° at Wahpeton State School. Monthly mean temperatures were below the long-term means at most stations. Temperature departures ranged from -4.2° at Portal to +0.4° at Fargo Airport and at Steele. In general the largest negative departures were over the southern and western sections and the smallest departures were over the northeastern counties.

The three rainy periods were the 4th to 8th, 11th to 15th, and 19th to 25th. Little precipitation fell on other dates. Snow flurries were common from the 23d to 25th.

Monthly rainfall totals ranged from 0.44 inch at Trotters 6SE to 4.33 inches at Montpelier. In general, the precipitation averaged greatest over the central and east central sections and least in the northwest. Most counties received more precipitation than usual for October. Several stations in central and east central North Dakota and a few stations scattered in other sections received more than twice their usua
October amounts.

Numerous stations over the western half of the Stat
received more than two inches of snow in October
Four stations--Crosby, Bowman Court House, Dunn Center 2SW, and Mohall--received 5.0 inches. Numerou
stations received no snow or only a few flakes.

The mild, sunny weather during the first few day
of October was favorable for harvest operations. I
the west, the harvest of cereal grains neared completion and flax combining progressed. The wet fiel
in the northeast dried and potato digging and suga
beet lifting in the Red River Valley made rapid progress. Fall plowing was under way. Soybean harves
continued. Farmers were about ready to start picking corn. Livestock looked good with plenty of gree
feed and stubble browse.

The rains from the 4th to 8th stopped most field work
The rains improved the topsoil moisture in the northwest but most of the western half of the State neede
more rain to replenish the subsoil reserves. The topsoil moisture was also short in some south centra
counties. Over the east, the topsoil moisture range
from adequate to excessive. Scattered rains from th
11th to 15th, heavy dews, and morning fogs caused mor
delays in harvesting. Grain in the swath lost colo
and test weight. Potato fields and grain needed drying weather. Fall plowing and silo filling progressed. Corn and soybeans reached the stages o
maturity but needed one or two weeks of weather wit
temperatures above freezing.

Cloudy, rainy weather from the 19th to 25th seriousl
delayed the harvest of corn, flax, soybeans, potatoes
and sugar beets in the Red River Valley. The freezing temperatures on the 25th and 26th caused som
damage to potatoes. The low temperatures did no
hurt the beets but the farmers were anxious to ge
the beets out of the ground before the freeze-up
The bright, sunny weather from the 26th to the en
of the month was favorable for drying fields and fo
the harvest of potatoes, sugar beets, and soybeans
Some potatoes and sugar beets remained in the groun
in the Red River Valley at the end of the month. Th
wet fields prevented digging and some losses wer
expected. A hard freeze without snow was needed t
make the ground firm to support heavy machinery an
enable farmers to harvest corn, flax, and soybeans

Lucius W. Dye
Climatologist
Weather Records Processing Cente
Kansas City, Missouri

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

SUPPLEMENTAL DATA

NORTH DAKOTA
OCTOBER 1957

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 12:00A CST	Relative humidity averages - percent: 6:00A CST	Relative humidity averages - percent: 12:00P CST	Relative humidity averages - percent: 6:00P CST	Number of days with precipitation: Trace	Number of days with precipitation: .01–.09	Number of days with precipitation: .10–.49	Number of days with precipitation: .50–.99	Number of days with precipitation: 1.00–1.99	Number of days with precipitation: 2.00 and over	Number of days with precipitation: Total	Percent of possible sunshine	Average sky cover sunrise to sunset
8ISMARCK W8 AIRPORT	SSE	19	11.9	50	SE	3	79	85	64	67	9	2	6	0	0	0	17	37	7.5
OEVILS LAKE W8 CITY	S	-	8.3	25	SE	3	-	91	72	72	6	5	3	1	0	0	15	47	6.8
FARGO W8 AIRPORT	SSE	24	15.0	50	SE	4	82	85	67	69	6	4	3	1	0	0	14	38	6.7
WILLISTON W8 CITY	S	-	6.8	30	SE	3	-	82	64	60	7	2	3	0	0	0	12	42	7.6

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Temperature: Average Minimum	Temperature: Average	Temperature: Departure From Long Term Means	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Temperature: Degree Days	No. of Days Max: 90° or Above	No. of Days Max: 32° or Below	No. of Days Min.: 32° or Below	No. of Days Min.: 0° or Below	Precipitation: Total	Precipitation: Departure From Long Term Means	Precipitation: Greatest Day	Precipitation: Date	Snow, Sleet: Total	Snow, Sleet: Max Depth on Ground	Snow, Sleet: Date	No. of Days: .10 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
NORTHWEST OIVISION																								
8OWBELLS		53.3	30.5	41.9		88	2	2	24+	718	0	3	20	0	1.07		.36	23		4	23+	3	0	0
CROSBY		52.7	29.5	41.1	- 2.9	91	2	- 7	26	741	1	3	20	2	.78	- .05	.35	23	5.0	3	23+	3	0	0
FOXHOLM 7 N		55.1	31.6	43.4	- 2.1	90	2	4	28	677	1	3	16	0	1.57	.79	.55	6				5	1	0
GRENORA		53.9M	29.6	41.8M		89	2	1	25	723	0	4	18	0	.85		.60	23	4.0	4	23	2	1	0
KENMARE	AM	52.9	30.0	41.5		88	3	4	25	725	0	4	20	0	.88	.08	.32	7+		3	23	3	0	0
LOSTWOOO 12 N		53.0	29.5M	41.3M		86	2	3	25	744	0	3	19	0	.85		.37	6		2	23	3	0	0
MINOT CAA AP		52.3	33.5	42.9		87	2	6	25	686	0	3	14	0	1.53		.70	6	2.6	2	23+	4	1	0
MINOT EXP STATION	AM	52.9	32.8	42.9		87	3	5	25	691	0	4	14	0	1.51		.51	7	3.8	3	23+	5	1	0
MOHALL		54.0M	31.4	42.7M	- 2.0	89	2	2	26	694	0	3	19	0	1.36	.53	.74	6	5.0	5	23	4	1	0
NEWTOWN		54.0	33.4	43.7	- 0.9	90	2	4	25	664	1	3	14	0	1.09	.35	.35	23	3.0	3	23+	4	0	0
PARSHALL		54.2M	33.2	43.7M		82	3	3	25	669	0	3	14	0	1.36	.64	.38	6	2.0	1	23+	5	0	0
PORTAL	AM	51.0M	27.1M	39.1M	- 4.2			- 2	25	814	0	4	23	2	1.10	.35	.87	7		2	23	2	1	0
POWERS LAKE 1 N																								
STANLEY		52.2	30.5	41.4		87	2	1	25+	735	0	3	19	0	1.04		.42	23	4.5	5	23	3	0	0
TIOGA 1 E	AM	52.1	29.4	40.8		88	3	- 3	25	758	0	4	20	2	.49		.25	6	1.5	2	23	2	0	0
WILLISTON W8 CITY	R//	53.6	33.9	43.8	- 1.7	92	2	4	25	668	1	3	13	0	.74	- .03	.38	15	1.5	1	22+	3	0	0
WILLISTON EXP FARM		52.0M	31.2M	41.6M		90	2	0	25	737	1	3	17	1	.67		.29	15				3	0	0
OIVISION				42.1	- 2.5										1.06	.29			3.3					
NORTH CENTRAL OIVISION																								
BELCOURT INOIAN RES		52.8	31.4	42.1		82	2	7	26	703	0	2	16	0	1.17		.76	5	.5	1	23+	2	1	0
8OTTINEAU	AM	53.8	31.6	42.7	- 0.9	88	3	6	26	692	0	2	17	0	1.69	.91	.62	5	.4	T	23+	4	2	0
ORAKE	AM	54.7	33.6	44.2	- 0.6	87	3	9	25	646	0	4	14	0	1.25	.39	.48	5				5	0	0
ECKMAN 2 SE	AM	53.5M	28.2M	40.9M	- 2.7	89	3	3	26	751	0	4	19	0	1.88		.75	7	.0	0		5	1	0
GRANVILLE		56.0M	34.9M	45.5M	0.0	90	2	9	25	613	1	2	13	0	1.50	.75	.65	6	2.0	1	23+	5	1	0
LEEOS		53.6	33.4	43.5		83	2	9	25+	659	0	3	14	0	1.50		.77	5	2.0	1	23	4	1	0
MAOOOCK AGR SCHOOL		54.6	33.6M	44.1M	- 0.9	82	2	10	25+	644	0	3	15	0	1.77	.87	.90	5	T	0		5	1	0
ROLLA		52.4	32.9	42.7		81	2	11	25	685	0	3	16	0	1.22		.64	5	1.5	1	23+	4	1	0
RUG8Y		55.2	35.1M	45.2M		85	2	7	26	619	0	3	13	0	1.66	.85	1.17	5	2.0			4	1	1
SAN HAVEN		52.6	33.6	43.1	- 0.5	84	2	10	25	673	0	2	12	0	1.79	1.07	.98	5	1.3	1	23+	5	1	0
TOWNER		55.7	30.3M	43.0M	- 1.6	90	2	8	25	684	1	2	17	0	1.34	.55	.75	5	2.0	0		4	1	0
UPHAM 3 N		55.9	32.9	44.4		91	2	4	26	638	1	3	15	0	1.54		.44	7	2.0	2	23+	5	0	0
VELVA	AM	55.3	33.3	44.3	- 1.7	89	3	6	26	644	0	4	12	0	1.36	.56	.42	6	3.0	3	23+	4	0	0
WESTHOPE		53.4	31.9	42.7	- 1.1	89	2	5	25	693	0	2	16	0	1.99		.57	4	3.0	2	23	6	2	0
WILLOW CITY		54.6M	31.5M	43.1M	0.0	87	2	5	26	676	0	2	18	0	1.47	.76	.84	5	1.0	T	23	4	1	0
OIVISION				43.4	- 0.9										1.54	.75			1.5					
NORTHEAST OIVISION																								
ARVILLA STATE PARK		54.7	33.2	44.0		81	2	11	26	645	0	0	14	0	2.06		.95	6	T	0		4	1	0
8IS8EE		52.6M	33.4M	43.0M		82	2	11	26	676	0	3	15	0	1.09		.70	5	T	T	23+	2	1	0
CAVALIER		54.6	35.5	45.1		80	2	18	24	610	0	0	13	0	1.18		.70	5	.0	0		4	1	0
OEVILS LAKE WB CITY	R//	52.6	34.7	43.7	- 0.2	81	2	12	26	655	0	3	15	0	1.56	.30	.72	5	.5	T	23	4	1	0
EOMORE 1 W		53.5	33.3	43.4		80	2	12	24+	662	0	2	14	0	2.33		1.70	5	.4	T	22+	3	1	1
GRAFTON		55.1	35.2	45.2	- 1.0	80	2	16	26	607	0	0	14	0	1.30	.12	.32	5	.2	0		5	0	0
GRANO FORKS CAA AP	R	53.9	35.9	44.9		80	2	18	26	615	0	0	15	0	1.83		1.07	6	T	T	23	5	1	1
GRANO FORKS UNIVERSITY		54.0	34.4	44.2	- 1.1	80	2	15	26	638	0	0	15	0	1.94	.72	.97	6	.5	0		6	1	0
HANNAH		52.8	31.8	42.3		82	2	12	26	696	0	3	18	0	.88	- .18	.53	5	T	0		2	1	0
HANSBORO		53.8M	31.6M	42.7M	- 0.6	82	2	11	24+	688	0	3	16	0	.94	.12	.57	5	.3	T	23+		1	0
LANGOON EXP FARM		53.3	32.9	43.1	0.1	81	2	12	24+	674	0	2	16	0	1.38	.27	.90	5	.4	T	24	3	1	0
LARIMORE		55.0	34.3	44.7	- 1.0	80	2	17	26	623	0	0	16	0	1.36	.16	.49	6	.0	0		4	0	0
MC VILLE		53.0	33.9	43.5		79	2	13	26	662	0	2	16	0	2.08		.86	5	T	0		5	1	0
MUNICH 4 SW		53.0	30.5	41.8		81	2	8	24	713	0	2	18	0	1.32		.66	5	1.0	1	24	4	1	0
PARK RIVER		55.0	36.2	45.6	0.3	80	2+	18	24	593	0	0	14	0	1.44	.33	.57	5	T	0		4	1	0
PEM8INA		57.2	36.0	46.6		85	1	15	26	567	0	1	15	0	.64	- .54	.25	15	.0	0		3	0	0
PETERSBURG		52.0	34.6	43.3		79	2	15	26	663	0	2	16	0	1.57	.40	.60	5	T	0		5	1	0
OIVISION				43.9	- 0.5										1.46	.37			.2					
WEST CENTRAL OIVISION																								
8EULAH	AM	55.6	31.1M	43.4M		88	3	7	26	678	0	2	16	0	1.22		.46	23	.0	0		4	0	0
8UTTE	AM	55.3M	33.6M	44.5M		87	3	8	25	655	0	4	13	0	1.09					3	23+			0
CENTER		54.4M	32.1	43.3M		86	2	8	26	672	0	3	14	0	1.71		.55	23	.0	0		6	1	0
OUNN CENTER 2 SW	AM	53.3	33.5	43.4	- 1.5	89	3	10	25	674	0	3	17	0	1.89	1.08	.81	23	5.0	2	23	4	1	0
GARRISON	AM	54.6	32.0	43.3	- 1.9	86	3	8	25	671	0	2	15	0	.91	.13	.30	6	T	T	23+	5	0	0
MAX	AM	53.3	32.0	42.7	- 1.2	86	3	6	25	694	0	4	14	0	1.15	.43	.51	6	.5	T	23+	4	1	0
RAU8 10 SSW		M	M	M		89	2				0	2		0						0				
RIVEROALE	AM	54.2	34.6	44.4		87	3	11	27	643	0	3	12	0	.87		.31	6	1.0	1	23	3	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 10 or More	50 or More	1.00 or More
TURTLE LAKE		55.7	33.8	44.8		87	2	7	25	627	0	3	14	0	1.12		.33	5	.0	0		4	0	0
UNDERWOOD	AM	54.7	32.7	43.7		86	3	8	25	664	0	2	16	0	1.15		.32	5	1.0	1	23	5	0	0
WASHBURN																								
WATFORD CITY		54.9	33.7	44.3	- 2.2	92	2	8	25+	653	1	3	13	0	1.11	.15	.41	23	T	0		6	0	0
WATFORD CITY 14 S		56.8M	32.1M	44.5M		93	2	9	25	638	1	2		0	.67		.18	6	.0	0		4	0	0
WILTON		54.5	32.6	43.6		84	2	7	25	663	0	3	16	0	1.77		.65	23	T	0		5	2	0
DIVISION				43.8	- 1.8										1.22	.39			.7					
CENTRAL DIVISION																								
CARRINGTON	AM	52.8	33.0	42.9	- 2.1	80	3	11	25	677	0	3	14	0	2.87	1.72	.68	5	T	T	24+	6	3	0
FESSENDEN		55.4M	33.8M	44.6M	- 0.7	82	2	10	25	625	0	2	13	0	2.54	1.50	.75	5	.0	0		7	1	0
JAMESTOWN CAA AP	R//	54.5	36.0	45.3		80	2	15	25+	604	0	2	12	0	2.69		.98	15	T	0		5	2	0
JAMESTOWN STATE HOSP		54.6	36.8	45.7	- 0.8	82	2	14	25	593	0	2	13	0	2.90	1.73	.90	15	T	0		8	2	0
KENSAL WILDLIFE REFUGE		55.9	35.5	45.7		81	1	13	25+	591	0	1	13	0	3.15		1.64	5	.0	0		7	1	1
MC CLUSKY		55.1	34.3	44.7	- 1.1	86	2	10	25	630	0	3	12	0	1.54	.52	.63	6	.0	0		5	1	0
MC HENRY 5 N		52.9	34.2	43.6		80	2	12	26	657	0	2	15	0	3.24		1.58	5	T	T	23	6	2	1
PETTIBONE		54.6M	33.8M	44.2M	- 1.0	82	2	11	25	638	0	2	13	0	2.57	1.42	.91	5	.0	0		7	2	0
STEELE		56.6	35.9M	46.3M	0.4	84	2	10	25	583	0	2	10	0	2.28	1.08	.50	6	.0	0		6	1	0
DIVISION				44.8	- 0.8										2.64	1.50			T					
EAST CENTRAL DIVISION																								
AMENIA		56.5	36.7	46.6		81	2	18	26	561	0	0	11	0	1.06		.42	16	.0	0		3	0	0
COOPERSTOWN		54.0	35.0	44.5		80	2	15	26	626	0	2	14	0	3.17	2.03	1.10	6	T	0		6	3	1
FARGO WB AP	R//	54.6	38.4	46.5	0.4	80	2	18	26	568	0	1	11	0	1.64	.38	.98	15	T	T	23	4	1	0
HILLSBORO		55.5	37.2	46.4	0.1	79	2	19	26	568	0	0	11	0	1.69	.56	.54	15	T	0		6	1	0
MAYVILLE		54.1	36.8	45.5	- 1.6	81	2	18	26	598	0	1	12	0	1.29	.23	.46	5	T	0		5	0	0
SHARON		52.9	34.6	43.8	- 1.1	79	2	14	26	650	0	3	16	0	3.33	2.08	1.94	6	T	0		6	1	1
VALLEY CITY		55.5	36.3	45.9	- 1.3	82	2	16	26	583	0	1	11	0	2.84	1.66	1.16	16	T	0		6	2	1
DIVISION				45.6	- 0.6										2.15	1.02			T					
SOUTHWEST DIVISION																								
AMIDON	AM	53.5M	32.0M	42.8M		88	3	14	26	683	0	3	15	0	.83		.31	8				4	0	0
BEACH	AM	52.9	33.0	43.0		90	3	14	25+	683	1	4	15	0	1.15		.30	8	4.5	2	8	5	0	0
BELFIELD		54.6	33.1	43.9		89	2	11	25	657	0	3	12	0	2.44		.79	7		1	7	6	1	0
BOWMAN COURT HOUSE		55.6	32.9	44.3	- 2.2	89	2	11	25	645	0	1	15	0	1.59		.65	7	5.0	5	7	5	1	0
DICKINSON CAA AP	R//	52.8	34.1	43.5		88	2	11	25	672	0	2	15	0	1.52		.40	5	3.4	3	8	5	0	0
DICKINSON EXP STATION	AM	53.9M	31.4M	42.7M	- 2.1	88	3	12	25	767	0	3	16	0	1.94	1.06	.70	8		1	23	4	2	0
FAIRFIELD		52.1	33.3	42.7		89	2	10	25	689	0	3	16	0	1.34		.63	23	2.0	2	7	4	1	0
HETTINGER		M	35.0	M		85	2	11	25+		0	2	12	0	1.01	.18	.66	7	3.0	3	7	3	1	0
MARMARTH	AM	54.9	33.0	44.0	- 2.6	90	3	14	26	652	1	3	16	0	.93	.01	.40	23	1.0	1	8	4	0	0
MEDORA 3 NNE		57.0	32.1M	44.6M		91	2	12	26	642	1	1		0	1.33		.49	23	1.5	2	7	6	0	0
MOTT		54.7	32.6	43.7	- 3.1	87	2	9	26	661	0	1	15	0	.76	.08	.15	7+	T	T	7	4	0	0
NEW ENGLAND		53.8	33.5	43.7	- 2.5	88	2	12	25	660	0	2	15	0	.85	.00	.31	7	.0	0		3	0	0
RICHARDTON ABBEY		54.2	34.8	44.5	- 2.7	87	2	11	25	638	0	3	13	0	.97	.14	.25	23	2.8	1	7	5	0	0
DIVISION				43.6	- 2.9										1.28	.42			2.3					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		54.0	35.9	45.0		86	2	10	25	625	0	1	12	0	1.45		.36	7	4.0	2	7	5	0	0
BISMARCK WB AP	R//	55.2	35.8	45.5	- 0.2	86	2	15	25+	605	0	2	10	0	1.59	.59	.43	22	T	T	23+	6	0	0
CARSON NO 2	AM	54.2	34.4	44.3	- 2.5	86	3	11	25+	646	0	1	13	0	1.42	.40	.50	8	2.0	0		3	1	0
FORT YATES	AM	55.5	34.9	45.2	- 2.9	85	3	13	25+	616	0	2	11	0	2.13	1.01	.72	23	T	0		5	1	0
LINTON		57.3	35.0	46.2	- 1.2	86	1+	12	25+	585	0	1	11	0	2.13	1.03	.58	23	.0	0		5	1	0
MANDAN EXP STATION	AM	55.2	34.9	45.1	- 1.5	86	3	12	25+	626	0	2	12	0	2.11	1.19	.95	23	.0	0		4	2	0
MANDAN FT LINCOLN PARK		57.0	33.5	45.3		86	1	10	25	607	0	2	11	0	1.94		.84	23	T	0		4	2	0
MOFFIT 4 SE		57.2	33.6M	45.4M		86	2	10	26	615	0	1	12	0	1.83		.51	6	T	0		6	1	0
NEW SALEM 1 S		54.1	33.9	44.0	- 2.7	85	2	11	25	649	0	2	12	0	1.63	.87	.42	6	T	0		5	0	0
DIVISION				45.1	- 2.2										1.80	.79			.7					
SOUTHEAST DIVISION																								
ASHLEY		55.0	35.6	45.3	- 0.6	81	1	11	25+	603	0	2	10	0	1.81	.87	.89	5	.0	0		5	1	0
EDGELEY EXP FARM	AM	54.6	35.3	45.0	- 1.7	79	2+	13	25	612	0	2	10	0	3.40	2.45	1.15	15	.0	0		6	2	2
ELLENDALE		56.7	37.4	47.1	- 0.4	82	1	15	25	552	0	1	10	0	3.36	2.28	2.73	15	.0	0		3	1	1
ENDERLIN	AM	55.4	34.7	45.1		81	3	11	27	613	0	1	12	0	1.09		.62	16	.0	0		2	1	0
FORMAN		56.4	37.0	46.7		80	2	16	25	560	0	1	10	0	1.01	- .16	.40	5	.0	0		4	0	0
FULLERTON		56.7	36.7	46.7	- 0.7	83	1	15	25	560	0	1	12	0	3.27	2.11	2.15	15	.0	0		4	2	1
GACKLE		54.0	35.8	44.9		80	1+	11	25	617	0	2	13	0	3.08		.94	15	.1	T	23	8	2	0
GRAND RAPIDS 1 N		57.1	35.3	46.2		81	2	12	26	576	0	1	12	0	3.17		1.70	15	.0	0		5	2	1
HANKINSON R R STATION	AM	55.2M	36.3	45.8M	- 1.1	79	3	19	25	595	0	1	12	0	1.14	.10	.38	16	.0	0		4	0	0
LISBON		57.3	36.1	46.7	- 0.6	80	2	16	26	562	0	0	12	0	1.23	.04	.56	16	.0	0		5	1	0
MC LEOD 3 E		56.5	36.2	46.4	- 1.3	80	2	15	26	572	0	1	12	0	1.24	.12	.49	16	T	0		6	0	0
NAPOLEON		55.7	35.6	45.7	- 0.6	84	1	12	25	592	0	2	12	0	1.73	.53	.52	5	.0	0		4	1	0
OAKES	AM	55.3	36.4	45.9	- 0.9	80	3	15	25	587	0	2	10	0	1.22	.13	.48	16	.0	0		4	0	0
WAHPETON STATE SCHOOL		57.4	38.5	48.0	- 1.0	80	2	17	26	523	0	1	12	0	.74	- .41	.20	15	T	0		3	0	0
WISHEK	AM	53.6M	32.1M	42.9M	- 1.8	81	2	9	25	680	0	2	16	0	1.86	.90	.92	5	.0	0		4	1	0
DIVISION				45.9	- 1.1										1.96	.88			T					

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
OCTOBER 1957

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABERCROMBIE 3 NW	1.37					T	T	.65	.13					T		.27	.19				T	.11	.02	T		T							•
ADAMS 7 S	1.89					.90	.18	.20	.45							.12						T			T						.04		•
ALEXANDER	.91						.33									.23							.35										•
ALMONT 7 SW	1.45				.01	.22	.20	.36	.04					T		T					.02	.02	.23	.35									•
AMBROSE 3 N	.55				.05		.05									.25								.20							T		•
AMENIA	1.06					.07	.13									.37	.42					.07											•
AMIDON	.83					.12	.03	T	.31	T		T	T			T	.03		.10		T	T	T	.22	T					.02			•
ARVILLA STATE PARK	2.06					.39	.95	.05	.31							.28						.08			T								•
ASHLEY	1.81					.89	.24	.18	.06			T	T	T		.10					.04	.05	T	.23					T	.02		T	•
BALTA	1.66				T	1.19	.08	T	.21				T	T	T								T		.18						T		•
BANTRY	1.43				.30	.60	.20	.26																.07									•
BEACH	1.15				T	.11		T	.30			T				.06			.20	.24				.24									•
BELCOURT INDIAN RES	1.17					.76	.17	.09	.08							.01							T	.06							T		•
BELFIELD	2.44			T	.12	T	.36	.79	.36	T	T	.06			T						T	T	.23	.49	.03				T				•
BERTHOLD	1.49					.12	.52	.24	.17							.04							.02	.38							T	T	•
BEULAH	1.22					.22	.30	.04	.18													.02		.46									•
BISBEE	1.09					.70	.08	.07	.14							.03							T	.07									•
BISMARCK WB AP R//	1.59			.02	.22	.27	.11	.24	T				T	T	T	T					.04	T	.43	.26	T	T						T	•
BISMARCK 12 ENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
BOTTINEAU	1.69				T	.62	.17	.52	.30			T												.08	T							T	•
BOWBELLS	1.07					.20	.35	.02								.07							T	.36							.07	T	•
BOWMAN COURT HOUSE	1.59					.09	.18	.65	T							T			.10		T	.03	.20	T					.34				•
BOWMAN 9 SE	1.63							.40				.31							.65				*	.27					T				•
BOWMAN 30 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
BURT 16 N	.93					.10	.26	.10								.05						.02	.10	.22					.08				•
BUTTE	1.09					*	*	.85	.14				T									T	.05	.05									•
CARRINGTON	2.87					.68	.51	.64	.38					T		T	.44					.07	T	.14	.01							T	•
CARSON NO 2	1.42					.25		.09	.50						.03							.07		.48									•
CAVALIER	1.18					.70	.02	.02	.12					T		.13	.13					.06	T										•
CENTER	1.71				.11	.31	.45	.14															.15	.55									•
COLGATE	.86					.02	.40	.05	.15							.16						.08											•
COLUMBUS	.73					.02		.23				T				.19	.04						.01	.23						.01			•
COOPERSTOWN	3.17					.45	1.10	.05	.32					T		.55	.52					.15	T	.03									•
COURTENAY	3.00					1.03	.35	.11								1.01					T	.43	T	.07									•
CROSBY	.78				.01		.13									.24							.05	.35							T		•
DEVILS LAKE WB CITY R//	1.56					.72	.22	.25	.03	T			T	.01		.22					.02	.02	T	.07	T	T					T		•
DICKINSON CAA AP R//	1.52				T	.40	.15	.34	T			T			T	.09			.01		T	T	.39	.14	T							T	•
DICKINSON EXP STATION	1.94					.39	.03	.16	.70			T					.09		.04			T	T	.53	T								•
DONNYBROOK	.91					.13	.42	.08								.03							.03	.22							T		•
DRAKE	1.25					.48	.23	.04	.23														.11	.16	T								•
DUNN CENTER 2 SW	1.89				T	.37	T	.31	.40	T		T		T	T							T	T	.81	T								•
ECKMAN 2 SE	1.88					.35	.11	.75	.39							.01					T	.27										T	•
EDGELEY EXP FARM	3.40					.45		.05	.21					T		1.15	1.08					.36		.10									•
EDMORE 1 W	2.33					1.70	.08	.05	.15							.12	.09					.06	T	T	.05							.03	•
ELGIN 5 S	1.17					.06	.40	.17						T	T	T			T	T	T	T	.08	.46	T				T			T	•
ELLENDALE	3.36					.25	.02	.05	.09	T					T	2.73	.16				.02	T	.02	.02						T		T	•
ENDERLIN	1.09						.08	.05	.19							.04	.62					.08		.03									•
EPPING	.62				.03	.03	.13						T			.14					.04		.03	.22	T						T		•
FAIRFIELD	1.34				T	.14	.08	.19	.06			T	T		T	.07							.17	.63	T								•
FARGO WB AP R//	1.64					.06	.12	.19	.02					T	.02	.98	.20				T	.05	T	T	T	T							•
FESSENDEN	2.54					.75	.45	.30	.26							.43						.10		.25									•
FLASHER	1.48					.30			.44													.12		.62									•
FLAXTON	-	-	-	-	-	-	-	-								.20							.05	-									•
FORBES 13 NW	1.78					.36		T	.18				T		T	1.08					T	T	.16	T									•
FORMAN	1.01					.40	T	.19	.06						T	.11	.25				T		T									T	•
FORT YATES	2.13					.30	.36	.03	.49							T					.13	.07	T	.72	T	T				.03			•
FOXHOLM 7 N	1.57					.12	.55	.37	.26							.08								.14						.05			•
FULLERTON	3.27					.35		.03	.13							2.15	.54				T		.03	.04						T			•
GACKLE	3.08					.90	.23	.22	.20							.94	.19				.09	.10	.09	.12									•
GARRISON	.91					.20	.30	.10	.10								T							.21	T								•
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
GOLDEN VALLEY 10 S	.71					.13	.18																.27	.13									•
GRAFTON	1.30					.32	.18	.04	.24							.25	.18					.07		T	.02								•
GRAND FORKS CAA AP R	1.83					.11	1.07	.13	.03							.28	.10				.02	.07		.02							T		•
GRAND FORKS UNIVERSITY	1.94					.16	.97	.15	.16							.24	.13					.09			.04								•
GRAND RAPIDS 1 N	3.17					.30	.04	.03	.18							1.70	.73				T	.12	.03	.04									•
GRANVILLE	1.50				.07	.35	.65	.10	.13							T							T	.20									•
GRENORA	.85						T									.25							T	.60									•
HAGUE	1.60				.02	.25	T	.35	.07				T		T	.19				.04	.06	.01	T	.58	T				.03				•
HALLIDAY	1.36				.16		.50	.15	.04														.18	.33									•
HANKINSON R R STATION	1.14							.12	.28							.05	.38					.08	T	.23									•
HANNAH	.88					.53	.05	.05	.16					T		.08						.01		T							T		•
HANSBORO	.94					.57	*	.20	.15													T	T	.02							T	T	•
HARVEY	1.81				.05	.55	.34	.24	.29							.30						.04											•
HETTINGER	1.01						T	.66	T										.04		.04	.04	.11	.10	T				.02				•
HILLSBORO	1.69					.14	.40	T	.17						.33	.54						.11	T		T	T							•
JAMESTOWN CAA AP R//	2.69					.84	.27	.34	.01			T	T	T	.01	.98	T				.04	.02	.01	.15	T						T	.02	•
JAMESTOWN STATE HOSP	2.90					.83	.42	.14	.19							.90	.16				.03		.11	.12									•
KEENE 2 S	1.15					.12	.42	.10								.07							.10	.33	.01						T		•
KENMARE	.88					.11	.04	.32									.05						.02	.32								.02	•
KENSAL WILDLIFE REFUGE	3.15					1.64	.33	.03	.37							.25	.25					.13	T	.15									•
KILLDEER 8 NW	1.38				.20	.04	.03	.25							T	T							.35	.51									•
KULM	3.46					.80	.24	.08	.19					T	T	1.31	.51				.05	.04	.05	.19									•
LANGDON EXP FARM	1.38					.90	.10		.20					.02		.02	.08					.02			.04							T	•
LANSFORD	1.70				T	.29	.53	.33	.19							.05							T	.31							T		•
LARIMORE	1.36					.34	.49		.35							T	.08					.10	T										•
LEEDS	1.50					.77	.22		.30							.02					.02			.17									•
LEFOR 10 E	.98					.08		.40	.03							.02			T				.35	.10									•
LINTON	2.13				.02	.27	.42	.42	.08					T	T	.08				.10	.09	.05	.02	.58					T	T	T		•
LISBON	1.23					.18		.03	.13							.23	.56					.10											•
LITCHVILLE	1.85					.41	.04		.15					T		.56	.54				.03	.06	.06	T	T								•
LOSTWOOD 12 N	.85				T	.23	.37		T			T			T	.05		T					T	.20							T		•
MADDOCK AGR SCHOOL	1.77					.90	.17	.18	.34							.08						T	T	.10							T		•
MANDAN EXP STATION	2.11					.66	.09	.10	.26								T					.05	T	.95								T	•
MANDAN FT LINCOLN PARK	1.94				T	.55	.04	.25								T					T		.26	.84	T	T							•
MARMARTH	.93					.10		T	.25			T				.18	T					T		.40									•
MAX	1.15					.22	.51	.06	.12															.24	T								•
MAYVILLE	1.29					.46	.19	T	.17							.25	.14					T	.08	T								T	•
MC CLUSKY	1.54					.38	.63	.16	.17													.04	.06	.10									•
MC HENRY 5 N	3.24					1.58	.45	.16	.17							.53	.21					.06		.08									•
MC LEOD 3 E	1.24					.21	.12	.15	.12							.15	.49					T				T							•
MC VILLE	2.08					.86	.37	.07	.29							.21	.19					.09	T	T	T					T	T		•
MEDINA	2.44					.87	.43	.19	.13							.49	.08					.14		.11									•
MEDORA 3 NNE	1.33					.20	.02	.19	.10							.10			.03			T	.18	.49	.02								•
MEDORA 23 NNW	1.34					.06	.08		.45															.75									•
MINOT CAA AP	1.53			T	T	.18	.70	.33	.04							.02							.01	.25	T						T		•
MINOT EXP STATION	1.51					.17	.21	.51	.31								.03						.03	.25	T								•
MOFFIT 4 SE	1.83				T	.31	.51	.23	.15	T			T	T	T	.07					.01	.12	T	.43	T					T			•
MOHALL	1.36					.18	.74	.04	.12													T	T	.28				T					•
MONTPELIER	4.33					.76	.49	.09	.32						.01	2.17	.24				.05	.05	.03	.12	T							T	•
MOTT	.76					.08	.12	.15	.09			T		T		T			.02		.05		.10	.15	T				T				•
MUNICH 4 SW	1.32					.66	.10									.33	.03						T	.11	.09								•
NAPOLEON	1.73					.52	.07	.41	.06							.17	T				.03	.08		.39									•
NEW ENGLAND	.85					.27	.07	.31	.04			T	T			T			T		T		.16	T	T								•
NEW ROCKFORD 7 WNW	2.13					1.03	.29	.20					T	T		.28	.02							.31							T		•

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3--Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW SALEM 1 S	1.63				T	.30	.42	.34						T		T					T	T	.21	.36	T							
NEWTOWN	1.09				T	.25	.30		.19							T							T	.35		T					T	
NOONAN	.53						.14									.15							T	.24							T	
NORTONVILLE	3.16				.78		.32	.35								1.53						.10	.08									
OAKES	1.22					.11	.04	T	.13					T	T	.42	.48					.04		T								T
PARK RIVER	1.44					.57	.30	.02	.24							T	.27					.04			T							
PARSHALL	1.36				T	.18	.38	.22	.22							.01							T	.35							T	
PEMBINA 2 N	.64					.21	.03									.25	.10					.05										
PETERSBURG	1.57					.60	.23	.04	.30							.14	.18					.08			T							
PETTIBONE	2.57					.91	.59	.24	.20							.38						.12		.13								
PORTAL	1.10					T	.03	.87								.06							T	.11								.03
POWERS LAKE 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRETTY ROCK	1.53				T	.19	.22	.40	T									.06	.02	T	.08	T	.10	.42	.04				T			
RAUB 10 SSW	-				T	*	.60	*	.20															-								
REEDER	1.51					.16	.07	.11	.07				T		T	.06			.45	.15	.04	T	.15	.25								
REEDER 14 N	1.50					.31			.18								.05		.30					.48						T		.18
RICHARDTON ABBEY	.97				T	.13	.08	.21	.11			T	T			.04					T	T	.15	.25	T							
RIVERDALE	.87					.30	.31	.04	.14				T		T	T						T	T	.08	T	T						
ROLLA	1.22					.64	.17	.07	T	.13					T	.01	T				T	T	.03	.15							.02	T
RUGBY	1.66				T	1.17	.14	.02	.18														.04	.10	.01						T	
RYDER	1.22					.18		.69		.18							.02							.15								
SAN HAVEN	1.79					.98	.12	.35	.19						.01	.03							T	.11							T	T
SELFRIDGE 11 W	2.55				.02	.42	.43	.43	.33					T	.02				.05	.20				.65								
SENTINEL BUTTE 20 S	1.59				T		.30									.04			.25	.30	T		.37	.33								
SHARON	3.33					.41	1.94	.20	.24							.30	.15					.09	T									
SHERWOOD 3 N	1.23				T	.21	.63									.04						T	T	.32							.03	T
SHIELDS	1.50				T	.43	.09	.24	.04												.18		.20	.32								
STANLEY	1.04				T	.22	.28	.04	.06							.02							T	.42							T	
STEELE	2.28					.48	.50	.42	.08							.20						.17	T	.43								
SYKESTON	1.90					*	1.25	.30								.30	.05				T	T	T	T	T							
TAGUS	1.36				T	.10	.70	.04	.06								.04						T	.42					T			
TIOGA 1 E	.49					.04	.25									.05	.04						T	.11						T		T
TOLLEY	-					.11	.63			.06														-							.22	
TOWNER	1.34					.	.27		.21															.11							T	
TROTTERS 6 SE	.44					.08	T	.16							.03				.03	.05			.03	.06								
TURTLE LAKE	1.12				.23	.33	.12	.09	.05							T						T		.30								
TUTTLE	1.78				.02	.53	.28	.30	.05							.24					.06	.06	.10	.14								
UNDERWOOD	1.15					.32	.30	.18	.11						T	.02	.02							.20	T							
UPHAM 3 N	1.54					.38	.35	.44	.24														T	.13	T						T	
VALLEY CITY	2.84					.35	.46		.22							.53	1.16					.10	.02		T							T
VELVA	1.36					.35	.42	.07	.20		.01						.01					T	T	.30	T							
VERONA	2.00				.15			.10	.15							1.13	.40					.07										T
WAHPETON STATE SCHOOL	.74							.08	.16							.20	.15					.08	.05	.02		T				T		T
WALHALLA	1.26					1.18	.04		.04																							
WARWICK	2.70					1.61	.39	.33								.37																
WASHBURN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATAUGA S OAK 8 N	.89					.30	T	.24													.08	T	.20	.07								T
WATFORD CITY	1.11					.10	.22	.10								.10							.18	.41								
WATFORD CITY 14 S	.67			.02	.10		.18	.05	.15	T						.13							.04									
WESTHOPE	1.99				.57	.33	.56	.14	.11	.03														.25								
WILDROSE	.89					.04	.12									.36								.37							T	
WILLISTON WB CITY R//	.74				.02	T	.15		T			T				.38				T			.15	.04	T	T					T	
WILLISTON EXP FARM	.67				.02		.11									.29								.25								
WILLOW CITY	1.47				T	.84	.27	.15	.14															.07						T		
WILTON	1.77			.03		.56	.15	.16	.22												T			.65	T							
WISHEK	1.86					.92	T	.37					T	T		.10	.05					.07	T	.35								
WOODWORTH	2.37					1.10	.70	T						T		.34					.02	.13	.05	.03								
ZAHL	.85				.02		.02	T				T		.01		.22							.37	.21	T							

Table 6

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
RIVERDALE	EVAP	.16	.25	.40	.44	.21	.10	.04	.06	.06	.06	.09	.11	.06	.11	.08	.09	.06	.08	.11	.15	.10	.10	-	-	-	-	-	-	-	-	-	-
	WIND	36	132	289	320	196	97	131	162	82	60	106	129	172	196	111	127	70	67	145	89	98	122	-	-	-	-	-	-	-	-	-	-
WILLISTON EXP FARM	EVAP	.31	.33	.41	.20	.11	.02	.06	.04	.04	.02	.03	.11	.10	.11	*	.16	.14	.04	.19	.11	.06	-	-	-	-	-	-	-	-	-	-	-
	WIND	58	113	130	175	70	99	163	84	30	50	72	128	125	84	*	253	45	90	101	72	50	206	103	67	86	27	15	59	92	107	127	2881

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state cannot be checked by machine until nearly all of them for that state have been received. Printing cannot be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina, should be advised.

Table 5

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	81	86	81	70	52	52	48	38	44	50	47	55	71	58	58	54	58	58	55	48	53	42	33	33	30	46	55	42	53	63	61	54.0
	MIN	50	54	56	41	36	38	32	31	27	36	38	44	50	48	42	34	30	37	41	41	40	32	29	21	10	14	26	28	26	37	43	35.9
AMENIA	MAX	77	81	75	71	63	57	59	47	47	50	55	60	66	60	60	60	58	58	58	56	50	50	45	34	34	45	55	53	46	55	67	56.5
	MIN	42	44	51	52	50	50	45	40	29	27	34	40	43	43	52	42	42	35	27	28	42	40	32	23	20	18	20	24	32	35	37	36.7
AMIDON	MAX		84	88	80	52	52	52	31	35	40	54	51		71	57	54	53	58	55	55	44	53	40	30		40	57	57	49	53		53.5
	MIN		50	51	44	29	29	26	27	26	30	36	38		44	43	31	28	35	34	36	36	35	26	19	17	14	22	27	24	34	36	32.0
ARVILLA STATE PARK	MAX	80	81	75	69	70	55	52	47	42	54	55	57	58	61	58	59	55	52	56	45	50	43	39	33	34	44	59	50	48	52	63	54.7
	MIN	46	45	51	50	47	45	42	38	29	31	21	40	49	41	40	38	33	20	21	19	40	30	28	17	19	11	17	23	29	34	35	33.2
ASHLEY	MAX	81	80	77	70	65	60	58	43	46	49	49	57	68	60	55	53	57	55	55	53	55	48	38	30	31	45	56	45	49	59	57	55.0
	MIN	39	50	51	51	45	45	39	36	35	37	36	43	49	45	51	36	25	25	39	36	40	33	29	21	11	11	22	26	27	31	40	35.6
BEACH	MAX	80	83	90	81	46	51	50	31	39	41	50	55	51	62	55	57	55	58	56	51	46	53	40	29	23	32	50	58	45	52	69	52.9
	MIN	37	46	51	43	28	29	27	28	28	33	34	40	43	45	46	31	24	35	39	39	40	39	27	21	14	14	21	28	25	32	35	33.0
BELCOURT INDIAN RES	MAX	78	82	77	72	64	49	49	41	41	50	52	51	58	57	60	51	56	52	57	54	53	45	29	28	35	39	53	48	51	50	54	52.8
	MIN	35	50	53	51	40	38	34	33	27	22	23	43	48	43	49	36	27	20	21	25	36	25	21	13	12	7	24	23	32	29	33	31.4
BELFIELD	MAX	84	89	81	70	51	52	39	35	41	49	56	59	73	63	55	56	57	55	52	53	54	46	32	28	31	51	62	39	54	68	58	54.6
	MIN	34	48	59	36	34	36	29	28	25	30	35	38	35	43	45	35	33	41	35	39	41	31	28	18	11	14	22	28	25	35	35	33.1
BEULAH	MAX	81	83	88	87	67	51	49	38	41	45	52	56	52	74	58	56	55	60	58	58	55	59	38	33	26	30	50	59	48	53	65	55.6
	MIN	35	38	52	55	33	33	32	31	22	22	38	39	44	44	45	28			34	38	39	34	26	19	10	7	12	18	21	23	31	31.1
BISBEE	MAX	74	82	76	70	63	52	50	42	39	52	51	53	59	58	57	52	55	50	54	56	55	44	30	29	32	39	54	47	52	50		52.6
	MIN	44	44	54	52	43	41	39	33	28	26	28	43	50	39	50	39	30	26	24	32	39	26	24	15	13	11	22	25	33	30		33.4
BISMARCK WB AP	MAX	83	86	81	68	50	55	50	43	46	52	50	55	73	58	59	55	59	59	56	50	55	42	35	29	32	47	58	48	54	62	60	55.2
	MIN	40	52	58	45	39	45	35	35	30	40	38	47	52	47	44	33	24	28	42	37	36	33	27	18	15	15	23	27	31	34	39	35.8
BOTTINEAU	MAX	76	80	88	81	74	48	52	40	38	43	53	55	55	61	61	59	52	58	54	58	58	52	33	33	26	28	40	54	54	52	51	53.8
	MIN	42	52	52	52	36	34	36	32	25	22	30	38	49	44	47	33	26	30	29	33	35	27	25	12	8	6	13	24	31	28	30	31.6
BOWBELLS	MAX	81	88	85	78	52	47	47	37	46	55	54	59	65	61	55	53	59	55	55	55	50	45	29	25	21	42	52	42	51	54	53	53.3
	MIN	45	46	57	47	30	34	32	26	23	24	29	39	46	48	45	29	25	27	30	39	29	25	23	2	2	2	24	20	28	31	37	30.5
BOWMAN COURT HOUSE	MAX	85	89	83	76	54	51	44	36	39	55	52	59	70	63	64	54	58	56	55	50	52	48	34	26	34	48	57	49	52	68	62	55.6
	MIN	46	51	53	39	31	37	26	26	29	31	38	38	42	45	43	31	29	35	36	36	36	32	24	18	11	15	24	28	23	34	34	32.9
BUTTE	MAX	78	81	87	84	70			40	40	44	55	51	57	71	60	60	59	58	57	59	59	58	32	32	25	29	44	55	45	56	59	55.3
	MIN	46	51	61	55			34	32	24	30	36	39	45	41	48	35	32	29	34	39	41	30	27	19	8	10	10	25	25	34	35	33.6
CARRINGTON	MAX	75	77	80	76	76	47	51	45	41	43	49	53	55	62	57	59	50	56	53	56	52	52	34	31	27	27	43	57	51	50	52	52.8
	MIN	42	42	49	51	45	40	44	35	26	26	35	39	44	41	41	35	30	27	28	32	37	31	28	19	11	12	15	25	25	33	34	33.0
CARSON NO 2	MAX	80	82	86	80	67	54	52	37	38	43	50	49	55	72	57	58	54	58	56	57	46	51	40	33	29	34	47	57	40	54	64	54.2
	MIN	39	43	57	57	36	36	34	32	26	30	37	41	47	48	48	34	26	31	33	37	40	35	31	21	11	11	27	28	22	31	36	34.4
CAVALIER	MAX	75	80	75	70	64	56	54	45	40	51	54	57	57	63	58	54	54	49	55	59	53	50	37	33	34	48	58	52	49	50	60	54.6
	MIN	42	41	53	50	48	44	44	38	28	24	28	42	50	44	53	39	37	27	25	26	41	29	27	18	22	20	19	28	36	40	38	35.5
CENTER	MAX	83	86	83	70	56	52	52	41	42	44	55	52		60	57	55	52	58	52	50	57	50	31	30	28	49	57		55		65	54.4
	MIN	35	40	47	45	36	38	33	32	27	26	37	33	44	45	45	32	24	26	36	35	40	30	24	19	11	8	17	23	28	38	40	32.1
COOPERSTOWN	MAX	77	80	77	69	62	53	51	44	42	48	53	58	59	58	57	57	57	52	57	55	50	49	36	31	29	43	56	53	48	53	61	54.0
	MIN	41	49	50	50	46	45	43	36	27	25	32	42	49	42	50	37	32	27	27	34	41	30	29	20	16	15	23	25	31	33	38	35.0
CROSBY	MAX	83	91	84	78	52	48	38	39	47	57	53	65	70	62	55	54	58	57	57	55	47	40	29	25	22	40	43	35	44	52	53	52.7
	MIN	44	44	58	44	30	33	29	24	27	23	26	38	45	48	42	31	26	32	28	39	30	25	22	6	- 5	- 7	20	20	24	32	35	29.5
DEVILS LAKE WB CITY	MAX	77	81	76	69	58	52	50	42	37	51	52	54	59	58	53	51	56	53	53	54	53	38	31	29	30	42	56	52	51	53	59	52.6
	MIN	41	50	55	52	43	43	38	32	28	28	32	44	50	45	46	34	32	27	28	36	38	29	24	15	13	12	28	26	35	32	40	34.7
DICKINSON CAA AP	MAX	82	88	81	63	53	49	34	35	41	50	50	54	71	56	54	54	57	56	55	46	53	40	32	27	34	49	57	40	51	67	59	52.8
	MIN	45	54	60	35	32	33	30	29	28	31	39	42	48	46	37	32	31	38	38	41	39	31	25	14	11	17	25	28	26	36	35	34.1
DICKINSON EXP STATION	MAX	78	83	88	82			50	35	37	41	51	50	55	72	57	57	55	58	59		50	57	37	31	21	31	50	59	43	54	68	53.9
	MIN					32		32	30	25	34	37	40	42	45	47	32	24	30	39	40	40	37	30	21	12	13	18	29	25	27	36	31.4
DRAKE	MAX	79	80	87	80	70	48	55	40	40	45	55	55	54	68	58	58	55	59	55	58	57	59	31	32	28	27	44	56	49	56	58	54.7
	MIN	44	49	50	55	38	36	39	34	23	25	35	40	51	45	50	33	30	31	33	40	42	30	28	20	9	11	12	24	24	30	30	33.6
DUNN CENTER 2 SW	MAX	79	81	89	84	63	53	51	34	37	41	51	49	55	72	57	54	53	58	56	56	56	55	35	32	21	29	40	57	40	50	65	53.3
	MIN	44	49	54	60	30	32	32	30	28	31	36	40	45	43	47	31	28	31	35	36	38	33	25	21	10	12	18	24	28	32	36	33.5
ECKMAN 2 SE	MAX	78	82	89	83	71	51	50	40	37	46	55	57	61	59	58	54	60	55	57	52			28	29	25	24	39	51	52	55	53	53.5
	MIN	39	42		48	34	35	38	32	25	26	27		40	42		27	27	30	34	29	27			13	5	3	4	16	25	32	32	28.2
EDGELEY EXP FARM	MAX	78	79	79	77	74	53	58	48	45	49	50	51	60	67	56	55	50	58	55	57	49	53	39	35	30	31	46	56	44	53	58	54.6
	MIN	44	40	48	53	48	44	46	37	29	35	40	42	41	40	49	37	31	28	31	34	34	36	33	24	13	16	19	25	26	34	37	35.3
EDMORE 1 W	MAX	76	80	75	78	60	55	46	44	40	51	52	53	58	61	54	54	57	50	56	54	53	49	34	26	32	43	56	52	50	52	58	53.5
	MIN	35	45	50	45	45	45	41	35	29	24	28	42	50	42	50	34	35	25	26	28	41	27	26	12	15	12	22	24	33	30	36	33.3
ELLENDALE	MAX	82	80	78	74	63	62	60	46	49	51	50	59	68	65	58	55	60	58	59	51	55	51	41	34	30	48	54	47	50	59	60	56.7
	MIN	44	51	51	53	48	46	45	38	35	39	40	45	42	45	51	39	32	29	32	33	42	37	32	25	15	16	20	25	32	36	40	37.4
ENDERLIN	MAX	76	78	81	74	69	54	59	53	46	50	47	55	61	68	59	60	52	58	54	56	54	50	41	37	36	30	43	54	55	52	56	55.4
	MIN	38	42	49	50	47	44	50	39	27	26	35	40	45	42	45	40	30	27	25	28	39	36	35	24	17	16	11	26	30	36	38	34.7
FAIRFIELD	MAX	80	89	81	72	50	48	38	35	39	48	48	54	70	55	53	51	55	55	53	47	53	41	31	27	26	45	55	41	50	66	59	52.1
	MIN	49	51	51	34	29	37	28	27	27	31	36	39	43	43	42	32	30	31	38	38	40	29	26	18	10	18	27	29	28	35	37	33.3
FARGO WB AP	MAX	76	80	74	70	62	60	54	47	44	49	54	60	66	63	61	54	57	51	55	51	50	46	42	33	32	42	54	52	43	52	60	54.6
	MIN	49	54	54	54	52	52	46	41	30	28	41	45	52	48	54	36	33	30	30	33	44	38	29	22	22	18	23	28	29	35	41	38.4
FESSENDEN	MAX	81	82	78	74	65	55	50	45	45	52	52	56	65	66	55	55	60	54	55	55	60	45	34	30	26	44	57	55	54	58		55.4
	MIN	44	47	55	52	45	40	36	35	25	28	38	45	51	45	44	34	25	30	30	30	33	33	27	20	10	11	13	24	32	33		33.8
FORMAN	MAX	79	80	71	71	68	64	55	46	49	47	53	59	70	67	62	59	58	55	60	50	54	49	47	40	29	44	52	52	48	56	55	56.4
	MIN	45	52	48	52	46	45	46	40	33	37	40	45	52	45	43	41	29	30	28	32	43	39	34	23	16	17	21	26	28	34	38	37.0
FORT YATES	MAX	82	83	85	80	70	52	59	42	41	48	52	50	57	72	56	62	56	60	57	51	46	52	43	37	27	31	48	57	44	55	65	55.5
	MIN	38	41	57	56	39	44	38	35	31	33	36	40	46	50	50	38	25	25	28	36	38	35	33	23	13	13	17	26	29	30	38	34.9
FOXHOLM 7 N	MAX	84	90	88	80	57	51	49	38	46	56	54	56	63	62	55	54	61	57	55	60	59	49	32	27	25	42	46	47	53	57	56	55.1
	MIN	38	44	57	56	33	30	35	31	23	26	31	42	49	45	42	34	28	27	29	33	35	27	25	15	7	7	24	4	28	35	39	31.6
FULLERTON	MAX	83	80	77	76	65	61	60	48	49	50	52	62	68	65	59	55	58	55	60	51	54	48	40	34	30	48	54	47	52	58	60	56.7
	MIN	41	49	50	53	49	45	46	37	31	38	40	45	51	44	51	39	28	27	29	31	42	37	32	25	15	16	20	25	32	34	37	36.7
GACKLE	MAX	80	80	76	73	65	63	52	46	45	46	49	54	64	58	54	54	62	56	52	50	42	41	36	30	28	44	55	51	51	57	61	54.0
	MIN	44	54	50	53	44	43	43	40	29	36	38	42	44	44	49	38	28	31	33	35	31	30	29	20	11	14	28	28	28	32	40	35.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GARRISON	MAX	76	83	86	82	66	61	50	39	44	50	54	54	57	69	56	57	55	53	55	59	54	49	31	35	25	36	46	56	47	52	55	54
	MIN	48	52	45	50	34	34	34	33	24	30	34	35	45	45	46	32	28	31	33	34	34	30	26	20	8	10	20	20	20	28	30	32
GRAFTON	MAX	74	80	75	70	67	57	57	47	43	50	53	57	57	63	58	56	55	52	55	57	50	49	40	34	34	46	59	53	48	50	61	55
	MIN	40	44	52	50	48	45	44	39	30	25	28	42	49	40	50	40	36	27	26	27	41	30	28	18	21	16	22	27	32	37	38	35
GRAND FORKS CAA AP	MAX	76	80	73	71	63	59	51	46	41	49	52	60	57	62	60	50	54	52	54	55	51	42	37	33	33	43	58	51	45	50	63	53
	MIN	43	48	53	52	49	48	42	37	30	28	32	43	51	44	50	33	32	29	25	31	41	32	25	19	25	18	23	26	30	36	38	35.
GRAND FORKS UNIVERSITY	MAX	75	80	75	71	63	59	52	44	42	49	52	58	58	62	60	53	54	50	52	55	50	45	37	33	35	43	57	51	45	51	64	54.
	MIN	41	46	49	50	47	46	44	38	28	26	30	40	49	42	51	39	32	27	24	29	40	30	28	17	18	15	21	24	27	34	35	34.
GRAND RAPIDS 1 N	MAX	80	81	79	75	64	58	56	48	49	48	54	65	68	68	59	54	58	57	60	55	49	48	48	33	29	46	56	48	55	59	63	57.
	MIN	37	49	50	49	47	42	45	38	27	36	40	46	52	44	43	37	26	25	30	30	41	34	32	25	14	12	19	23	30	34	38	35.
GRANVILLE	MAX	85	90	84	72	53	53	50	40	45	59	60	57	63	61	61	54		53	61	56	54	46	35	27	27	47	57	54	57	59	59	56.
	MIN	41	50	59	52	35	38	35	31	25	28	35	45	50	45	45	36		39	34	38	43	29	25	16	9	17	27	24	29	32	35	34.
GRENORA	MAX	84	89	86	78		58	39	46	47	57	48	65	58	65	60	57	60	59	58	58	50	45	29	26	19	32	43	40	49	58	55	53.
	MIN	44	51	50	58	28	33	21	19	31	23	31	42	43	42	37	28	24	29	37	40	30	26	23	16	1	4	10	3	28	33	33	29.
HANKINSON R R STATION	MAX	75	75	79	73	69		60	59	47	48	48	54	58	70	60	62	54	57	53	51	50	53	50	42	34	30	43	51	50	46	56	55.
	MIN	44	45	50	49	50	49	51	42	34	32	36	36	42	45	45	44	34	30	29	28	32	45	38	24	19	20	20	24	24	30	35	36.
HANNAH	MAX	77	82	75	69	62	51	50	41	40	49	52	54	58	63	54	52	54	51	56	56	55	39	31	29	28	45	55	48	52	51	57	52.
	MIN	39	48	44	51	42	40	38	32	25	25	27	35	49	43	49	32	28	20	26	26	38	25	22	15	13	12	22	24	32	30	34	31.
HANSBORO	MAX	81	82	76	71	62		50	42	40	54	53	53	59	60		54	55	52	59		59	39	30	26	31	47	56	49	54	55	56	53.
	MIN	43	42	53	51	41		38	32	28	26	25	42	49	42		32	30	24	25	28		27	22	11	11	11	25	27	33	33	35	31.
HETTINGER	MAX	82	85																	56	51	48	41	34	31	31	47	57	43	52	67	57	
	MIN	40	57	60	47	34	40	30	30	31	37	39	45	49	47	44	32	26	37	40	37	34	33	29	19	11	11	19	30	24	36	37	35.
HILLSBORO	MAX	76	79	76	70	63	59	53	48	50	53	59	62	58	59	59	57	52	52	57	56	52	49	42	33	35	45	56	53	48	54	57	55.
	MIN	42	44	53	5	51	46	48	41	27	32	44	46	44	52	43	35	29	27	30	38	43	35	33	22	22	19	22	28	31	37	39	37.
JAMESTOWN CAA AP	MAX	79	80	77	70	57	54	51	43	46	49	52	60	64	56	55	50	59	55	57	53	51	39	37	31	29	44	59	55	53	58	65	54.
	MIN	42	51	52	51	46	47	41	37	30	32	40	45	51	43	49	33	32	29	30	40	35	33	26	18	15	15	21	26	32	34	40	36.
JAMESTOWN STATE HOSP	MAX	79	82	80	74	62	56	56	42	44	46	52	58	62	60	54	53	55	52	55	51	49	48	35	30	28	44	59	53	52	57	66	54.
	MIN	43	52	52	52	45	45	42	37	30	32	41	44	52	43	52	38	31	29	31	41	42	32	30	23	14	15	22	26	31	33	41	36.
KENMARE	MAX	76	83	88	80	67	51	50	38	38	45	55	54	60	65	59	55	52	60	55	57	56	49	30	29	22	25	42	52	42	50	55	52.
	MIN	42	45	45	53	30	30	32	28	24	22	31	34	45	48	47	30	29	27	29	34	33	26	23	16	4	5	10	21	21	33	32	30.
KENSAL WILDLIFE REFUGE	MAX	81	80	77	72	65	53	50	44	46	49	52	60	61	59	56	54	60	57	61	58	51	50	37	31	33	46	58	55	53	59	65	55.
	MIN	40	48	51	52	43	45	42	36	27	24	40	45	51	43	52	36	29	24	29	41	42	32	29	22	13	13	21	30	28	34	39	35.
LANGDON EXP FARM	MAX	78	81	76	70	65	50	51	41	38	49	51	53	57	62	55	52	56	54	56	54	54	51	30	30	34	42	55	52	49	49	56	53.
	MIN	39	49	52	46	45	40	41	34	26	25	30	40	49	43	49	32	29	24	27	29	39	27	25	12	14	12	21	23	33	30	34	32.
LARIMORE	MAX	78	80	74	70	65	54	51	45	43	52	53	58	58	60	59	55	57	50	56	55	50	53	39	34	34	47	59	51	48	55	63	55.
	MIN	44	45	50	52	48	45	32	27	30	26	28	42	50	42	51	39	35	26	25	29	33	28	29	19	20	17	22	27	31	34	38	34.
LEEDS	MAX	78	83	77	70	64	52	50	44	41	50	53	53	61	57	55	54	58	53	56	56	56	48	32	27	29	40	55	49	51	52	58	53.
	MIN	33	47	54	53	40	43	38	33	25	27	33	44	50	45	50	31	29	22	23	36	41	28	25	16	9	9	23	23	33	32	39	33.
LINTON	MAX	86	86	80	72	65	60	55	42	49	58	50	57	71	62	60	55	60	60	52	58	52	51	38	33	32	48	58	48	55	63	61	57.
	MIN	38	55	55	50	40	45	40	35	29	38	35	38	47	45	39	35	22	29	42	39	42	33	32	20	12	12	18	28	28	30	35	35.
LISBON	MAX	77	80	78	74	70	59	54	48	49	46	53	60	68	68	60	58	60	58	59	58	53	50	42	37	33	45	55	55	53	56	59	57.
	MIN	40	43	48	50	46	43	47	40	27	30	41	44	53	41	54	40	29	26	25	28	43	37	35	24	17	16	20	25	30	37	39	36.
LOSTWOOD 12 N	MAX	81	86	85	80	50	48	47	38	45	55	53	59	65	62	53	50	57	55	56	54	50	44	27	24	27	40	50	45	48	53	55	53.
	MIN	41	51	56	45	29	33	29	24	19	19	25		45	45	42	25	25	30	33	36	31	23	21	12	3	8	22	22	24	31	35	29.
MADDOCK AGR SCHOOL	MAX	75	82	78	70	65	52	50	44	45	50	55	59	60	62	55	55	58	52	55	55	55	48	32	28	30	40	55	57	54	57	60	54.
	MIN	40	48	53	54	41	43	40	35	24	25	32	35		41	51	33	32	29	29	35	42	29	28	17	10	10	23	26	32	32	39	33.
MANDAN EXP STATION	MAX	80	83	86	83	66	51	55	40	42	47	53	49	55	73	57	59	55	58	59	56	50	55	36	34	29	30	47	58	48	54	62	55.
	MIN	40	50	58	56	37	38	37	32	28	34	39	42	47	46	49	36	25	27	36	38	40	35	31	20	12	12	14	26	29	28	39	34.
MANDAN FT LINCOLN PARK	MAX	86	82	74	75	60	67	53	47	50	54	53	55	74	65	58	56	60	58	55	60	58	48	34	32	30	46	53	49	54	61	60	57.
	MIN	38	43	50	54	34	40	33	26	34	36	33	36	46	46	38	41	23	30	40	36	40	30	28	18	10	11	20	25	26	38	34	33.
MARMARTH	MAX	81	86	90	82	50	55	51	32	36	43	55	52	62	70	57	56	56	60	59	57	44	55	43	28	26	34	52	61	42	54	74	54.
	MIN	35	46	50	44	32	34	29	28	31	28	38	41	38	47	47	33	22	31	41	41	40	41	26	23	15	14	20	28	20	30	29	33.
MAX	MAX	78	80	86	82	66	50	50	38	40	42	50	55	53	65	55	56	51	58	55	58	55	58	31	31	24	28	44	56	48	54	56	53.
	MIN	40	44	53	53	33	33	34	33	24	25	33	37	43	43	43	33	26	27	36	39	40	30	27	19	6	8	14	26	28	30	32	32.
MAYVILLE	MAX	74	81	72	67	62	60	52	46	42	50	54	60	58	58	57	57	57	47	56	52	48	45	39	31	35	45	57	47	47	54	67	54.
	MIN	42	45	51	53	51	49	46	40	30	27	31	44	52	44	52	42	35	28	26	33	39	33	31	22	20	18	24	26	30	35	41	36.
MC CLUSKY	MAX	81	86	80	72	57	51	48	42	43	55	53	52	70	63	58	60	55	52	58	55	57	50	32	27	28	45	57	48	53	58	62	55.
	MIN	43	52	56	53	36	41	33	33	25	36	35	43	49	43	44	26	28	35	37	41	41	28	25	18	10	11	22	25	25	30	38	34.
MC HENRY 5 N	MAX	77	80	75	69	60	51	50	42	41	48	51	55	58	57	53	51	57	52	56	55	49	41	36	30	29	42	58	53	51	53	60	52.
	MIN	44	50	52	50	45	45	40	35	25	23	31	46	48	42	50	35	28	25	29	36	40	29	27	19	13	12	20	25	29	31	35	34.
MC LEOD 3 E	MAX	79	80	75	70	64	58	55	45	50	48	55	62	70	60	58	59	60	56	58	52	52	53	45	38	30	45	55	56	49	58	57	56.
	MIN	43	43	50	50	48	47	45	40	30	30	39	42	51	42	44	40	30	26	30	30	43	38	34	25	17	15	25	24	27	35	38	36.
MC VILLE	MAX	77	79	74	68	61	52	50	43	40	48	53	55	58	58	56	53	56	51	57	51	49	42	37	30	30	43	57	54	49	53	60	53.
	MIN	39	49	52	50	46	44	42	36	26	23	28	42	48	42	50	35	30	26	27	31	41	29	27	18	15	13	20	24	30	31	37	33.
MEDORA 3 NNE	MAX	85	91	85	77	52	51	47	39	45	52	53	57	73	68	57	57	59	57	55	54	55	48	34	32	33	52	62	52	55	70	61	57.
	MIN	31	44		43		40	31	30	25	24	38	43	45	45	46	30	21	41	41	42	40	32	29	22	14	12	18	23	18	32	30	32.
MINOT CAA AP	MAX	80	87	81	66	48	48	38	38	41	53	54	54	62	58	55	52	59	55	57	55	52	38	30	23	25	42	57	47	53	56	56	52.
	MIN	48	47	58	41	34	38	32	29	25	31	39	44	50	46	40	33	34	28	38	40	38	27	20	10	6	9	27	26	31	32	36	33.
MINOT EXP STATION	MAX	77	81	87	84	68	49	48	38	38	41	52	55	56	62	56	57	52	58	55	57	54	54	30	30	23	27	41	55	46	52	57	52.
	MIN	46	45	55	56	33	33	34	32	25	29	36	38	44	46	41	35	31	29	31	40	39	28	26	18	5	8	13	26	28	33	35	32.
MOFFIT 4 SE	MAX	83	86	81	77	62	56	55	41	47	51	51	58	72	71	57	56	57	59	58	63	50	50	37	36	29	46	57	54	54	60	58	57.
	MIN	34	42		43	40	40	38	35	27	38	35	44	50	45	51	38	20	28	43	34	42	29	30	22	14	10	25	24	22	28	38	33.6
MOHALL	MAX	83	89	83	80		49	48	37	45	54	55	57	56	62	58	55	59	55	57	57	52	47	32	32	24	39	46	47	53	53	56	54.
	MIN	41	47	55	51	33	33	35	31	26	25	31	45	44	45	32	32	28	27	31	37	28	27	28	12	4	2	17	27	31	32	37	31.4
MOTT	MAX	83	87	79	64	57	51	45	38	42	49	51	56	71	62	55	53	58	57	58	51	52	42	34	31	34	50	58	43	55	68	61	54.7
	MIN	36	53	56	45	33	35	31	31	29	35	34	38	46	47	39	33	21	30	36	36	35	31	30	22	12	9	21	26	19	31	30	32.6
MUNICH 4 SW	MAX	77	81	75	70	64	53	51	41	40	48	51	52	57	59	55	53	55	48	56	54	55	50	37	26	32	41	52	51	52	53	55	53.0
	MIN	38	45	51	43	40	38	38	30	28	25	22	35	42	39	47	31	26	24	22	28	37	24	22	8	9	9	26	24	30	29	36	30.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	84	82	79	71	66	57	55	42	47	50	52	57	78	59	55	54	59	58	57	54	50	44	36	30	30	44	56	50	53	58	61	55.7
	MIN	40	45	50	55	43	44	42	36	31	39	36	35	50	46	48	36	25	28	42	34	42	31	30	22	12	13	24	27	27	31	40	35.6
NEW ENGLAND	MAX	82	88	79	71	53	50	44	36	41	52	50	55	71	61	53	53	57	55	56	49	54	45	33	30	32	48	57	39	53	62	59	53.8
	MIN	37	50	57	41	32	36	31	29	28	29	36	39	47	47	42	32	24	38	38	38	40	32	29	19	12	14	20	28	22	35	36	33.5
NEW SALEM 1 S	MAX	83	85	81	69	51	52	49	39	45	51	47	54	71	58	57	55	58	58	54	48	55	44	33	28	28	46	57	44	53	63	62	54.1
	MIN	45	47	55	44	34	36	31	34	27	36	35	43	49	46	43	33	30	28	38	35	40	31	25	15	11	13	25	23	25	33	40	33.9
NEWTOWN	MAX	80	90	82	73	53	50	43	41	41	55	51	60	66	64	56	55	57	58	59	54	53	47	30	27	25	39	51	48	52	58	56	54.0
	MIN	39	52	57	46	31	36	32	29	27	35	38	44	47	46	47	30	25	35	41	40	37	30	27	15	4	5	18	25	26	33	38	33.4
OAKES	MAX	77	79	80	78	74	55	61	53	45	49	48	52	62	68	58	62	52	57	52	58	50	53	41	38	31	28	44	53	49	52	56	55.3
	MIN	42	48	52	47	49	45	51	39	33	34	39	42	48	46	51	39	30	28	30	29	41	39	35	25	15	16	17	23	25	35	35	36.4
PARK RIVER	MAX	78	80	80	71	66	54	52	45	42	50	53	55	58	61	57	55	56	51	55	58	55	50	38	33	35	45	59	53	50	51	60	55.0
	MIN	45	43	49	50	49	44	45	38	31	28	28	43	45	42	51	39	36	27	29	32	42	30	28	18	21	19	28	32	32	37	41	36.2
PARSHALL	MAX	80	80	82	74	53	51	51	41	43	52	55	59	66	62	54	56	59						31	27	26	43	55	45	50	59	56	54.2
	MIN	37	52	59	46	33	34	32	30	24	36	36	44	48	46	48	29	22	33	39	40	40	29	25	18	3	7	21	24	28	30	36	33.2
PEMBINA 2 N	MAX	85	84	78	77	65	63	55	46	41	59	54	58	57	70	62	55	57	60	62	60	54	47	38	31	40	45	57	54	53	46	59	57.2
	MIN	39	49	54	54	49	46	46	39	28	26	28	42	51	46	54	38	31	25	25	26	41	31	29	20	30	15	21	25	32	41	35	36.0
PETERSBURG	MAX	76	79	73	68	60	51	50	42	36	50	51	53	57	57	54	53	55	49	55	54	48	42	34	29	30	42	56	51	45	53	60	52.0
	MIN	43	47	50	49	46	43	42	36	29	26	30	42	45	42	50	36	32	29	30	32	41	28	27	17	16	15	25	28	30	30	38	34.6
PETTIBONE	MAX	77	82	76	73	68	51	50	40	44	50	52		68	67	54	52	51	53	57	53	51	46	34	30	25	45	57	63	51	57	60	54.6
	MIN	42	50	54	53	39	42	38	34	26	32	35		43	41	50	35	26	31	35	36	40	30	23	20	11	12	12	30	28	30	37	33.8
PORTAL	MAX	75	83		88	77	52	47	38	37	45	57	53		68	60	54	52	58			57	48	29	28	20	22	45	46	40	47	52	51.0
	MIN	43	47		50	29	29	30	23	23	21	30	35	44	47	46	27	25	22	28	32	29	25	21	4	-2	-1	12	17	19	29	30	27.1
POWERS LAKE 1 N	MAX																																
	MIN																																
RAUB 10 SSW	MAX	82	89	83	78	53			41	42	53	55	60	69	65									33	27		46		59	54		60	
	MIN	52	55	56	45	34			32	38	38	36	45	49	45					35				25	18		12		24	30			
RICHARDTON ABBEY	MAX	81	87	81	74	50	49	48	35	42	48	49	55	70	66	54	54	57	57	55	50	54	49	32	29	28	48	56	47	50	65	60	54.2
	MIN	51	53	56	47	32	36	30	29	24	33	39	41	47	46	45	34	30	39	39	38	40	30	28	18	11	15	23	28	25	35	38	34.8
RIVERDALE	MAX	77	80	87	81	66	51	52	40	41	43	55	54	54	71	57	57	53	58	55	57	54	57	33	30	25	28	45	57	51	52	60	54.2
	MIN	43	51	57	56	36	35	35	33	27	30	37	39	45	44	45	39	28	34	37	39	42	32	28	20	15	12	11	26	28	30	39	34.6
ROLLA	MAX	79	81	76	68	62	50	48	40	40	51	53	52	58	57	58	52	56	53	57	54	54	38	29	28	32	40	53	48	51	52	55	52.4
	MIN	43	46	52	51	40	38	35	31	28	27	28	42	49	42	47	35	28	25	30	30	36	25	21	13	11	12	25	25	32	37	35	32.9
RUGBY	MAX	81	85	81	76	65	52	50	41	41	52	53	54	62	59	58	55	58	59	57	57	57	50	32	28	28	43	57	54	55	53	58	55.2
	MIN	43	52	54	59	43	42	38	33	26	26	33	45	50	46	50	34	30	34		38	47	28	26	15	8	7	25	25	32	30	35	35.1
SAN HAVEN	MAX	78	84	76	69	63	53	49	40	43	50	52	52	59	57	59	52	48	52	56	55	51	44	30	28	35	38	52	49	52	51	55	52.6
	MIN	43	51	52	51	40	38	35	33	25	24	32	43	48	42	48	36	33	32	30	35	38	25	23	13	10	13	20	33	33	29	33	33.6
SHARON	MAX	78	79	71	62	62	53	50	43	39	47	51	60	62	59	57	53	55	51	56	55	49	45	32	30	30	43	56	52	46	52	63	52.9
	MIN	45	45	52	50	46	45	42	34	27	25	32	45	49	43	50	36	32	26	25	32	41	27	25	18	16	14	24	27	31	31	37	34.6
STANLEY	MAX	80	87	82	74	53	49	43	40	42	54	51	58	64	58	54	52	58	56	58	53	50	43	29	24	16	37	50	45	49	53	55	52.2
	MIN	38	49	57	42	30	31	30	26	24	27	33	41	46	46	42	28	23	31	36	37	30	25	22	16	1	1	17	23	26	31	38	30.5
STEELE	MAX	81	84	79	73	72	53	54	42	52	54	51	57	71	69	54	60	60	58	58	54	52	47	35	31	28	45	55	54	51	59	62	56.6
	MIN	40	55	57	40	41	41	38	35	36		35	45	50	45	52	35	28	27	38	40	42	33	30	21	10	12	23	26	29	32	40	35.9
TIOGA 1 E	MAX	77	80	88	83	60	53	47	35	41	42	56	49	60	69	57	54	55	58	57	58	53	50	31	28	23	20	41	46	45	46	52	52.1
	MIN	39	45	55	57	29	26	27	25	24	28	35	40	45	47	47	25	21	27	33	43	27	27	24	18	-3	-1	3	18	21	28	30	29.4
TOWNER	MAX	83	90	82	72	63	52	43	41	42	55	58	59	64	62	53	54	52	57	59	57	58	47	33	31	29	44	55	58	59	57	58	55.7
	MIN	35	46	43	48	32	32	32	29	18	21	31	33				35	26	35	30	38	41	28	26	18	8	12	22	28	36	28	36	30.3
TURTLE LAKE	MAX	81	87	83	72	53	52	51	41	43	55	54	54	70	64	58	54	59	54	58	56	58	52	32	28	30	46	56	50	55	60	62	55.7
	MIN	41	51	55	50	34	36	32	32	23	36	34	43	49	42	46	38	24	28	40	38	41	27	24	17	7	10	25	25	30	31	39	33.8
UNDERWOOD	MAX	78	81	86	82	68	49	53	40	41	43	55	54	54	70	57	57	57	57	56	56	57	57	34	34	25	28	45	57	52	52	60	54.7
	MIN	43	46	57	55	35	35	34	32	23	26	35	38	45	43	45	33	24	30	32	40	39	31	26	19	8	10	15	26	27	30	32	32.7
UPHAM 3 N	MAX	86	91	86	72	55	51	50	39	45	58	60	57	61	62	60	55	60	57	57	60	60	48	32	26	26	41	55	55	55	57	57	55.9
	MIN	39	50	55	55	36	37	37	32	26	25	33	46	50	45	45	34	26	30	31	35	34	29	26	13	7	4	17	24	28	32	38	32.9
VALLEY CITY	MAX	78	82	78	73	66	55	53	46	45	47	54	60	64	64	58	59	58	52	55	54	51	51	38	33	30	42	55	55	48	53	63	55.5
	MIN	39	46	49	50	47	44	46	38	31	26	41	45	51	45	53	31	28	28	28	36	43	34	33	25	17	16	21	26	33	36	38	36.3
VELVA	MAX	78	82	89	84	71	49	50	40	41	46	56	58	58	64	59	59	54	60	57	59	58	57	32	32	25	29	46	60	47	56	58	55.3
	MIN	39	45	53	56	35	35	37	33	24	24	38	42	45	47	44	36	28	25	36	42	42	30	28	19	8	6	23	22	22	34	34	33.3
WAHPETON STATE SCHOOL	MAX	79	80	74	71	70	67	66	51	50	49	53	59	70	66	61	60	60	55	54	49	51	51	50	40	30	46	56	54	47	57	52	57.4
	MIN	45	50	51	50	51	54	50	42	31	29	41	43	52	41	54	44	30	29	32	31	43	43	39	25	18	17	23	28	29	36	42	38.5
WASHBURN	MAX																																
	MIN																																
WATFORD CITY	MAX	84	92	86	73	54	50	39	42	44	49	52	58	71	63	57	57	58	55	59	53	55	45	31	28	26	47	59	43	54	61	57	54.9
	MIN	42	54	60	40	30	38	33	28	28	35	34	41	47	47	43	34	32	32	40	38	35	30	27	14	8	8	22	25	28	34	37	33.7
WATFORD CITY 14 S	MAX	84	93	81		54	54	48	40	48	49	54	59	73	73	58	57	59	59	58	55	56	50	33	30	28	55	60	50	55	66	65	56.8
	MIN	36	53			36	36	27						48	47	45	28	22	40	41	37	35	30	28	20	9	12	24	25	22		38	32.1
WESTHOPE	MAX	80	89	82	70	49	50	47	37	46	56	54	56	60	59	61	50	60	55	58	55	52	35	35	27	28	47	48	50	55	50	55	53.4
	MIN	40	50	54	46	34	36	34	26	25	31	41	40	49	40	41	32	26	31	31	35	28	27	24	8	5	11	24	25	33	30	33	31.9
WILLISTON WB CITY	MAX	84	92	86	69	52	49	38	43	45	49	55	58	70	59	58	56	58	55	59	53	49	41	30	24	23	45	52	40	55	59	57	53.6
	MIN	45	57	60	36	33	33	32	28	31	30	38	45	48	51	39	34	28	41	41	41	34	30	24	9	4	8	23	24	30	35	38	33.9
WILLISTON EXP FARM	MAX	83	90	86		51	47	36	39	42	47	55	59	69	63		55	57	55	56	52	50	40	29	24	20	40	49	50	53	56	54	52.0
	MIN	45	53	57	40	28	36	28	22	28	26	33	38	42	47		29	26	36	38	40	30	27	23	11	0	12	24	23	28	31	35	31.2
WILLOW CITY	MAX	80	87	81	73	62	52	53	42	44	53	54	55	62	60	58	54	54	57	59	56		47	33	28	26	42	58	53	53	51	52	54.6
	MIN	34	47	53	53	37	39	36	32	25	20	31	44	49	40	47	32	22	23	32	36		27	24	13	6	5	19	27	29	32	31	31.5
WILTON	MAX	81	84	79	69	56	53	51	39	42	51	56	52	68	58	57	52	59	56	55	58	55	47	32	32	26	45	55	49	53	58	60	54.5
	MIN	44	49	52	51	33	37	29	29	24	34	30	40	46	40	43	32	29	31	38	35	37	27	24	15	7	10	21	27	28	30	38	32.6
WISHEK	MAX	78	81	80	76	70		58	45	41	46	48	48	56	65	53	55	54	57	55		53	52	39	34	28	30	44	55	46	49	57	53.6
	MIN	32	50	51	52	47		39	34	28	32	35	38	42	44	43	32	18	35		29		28	30	20	9	10	11	22	24	30	34	32.1

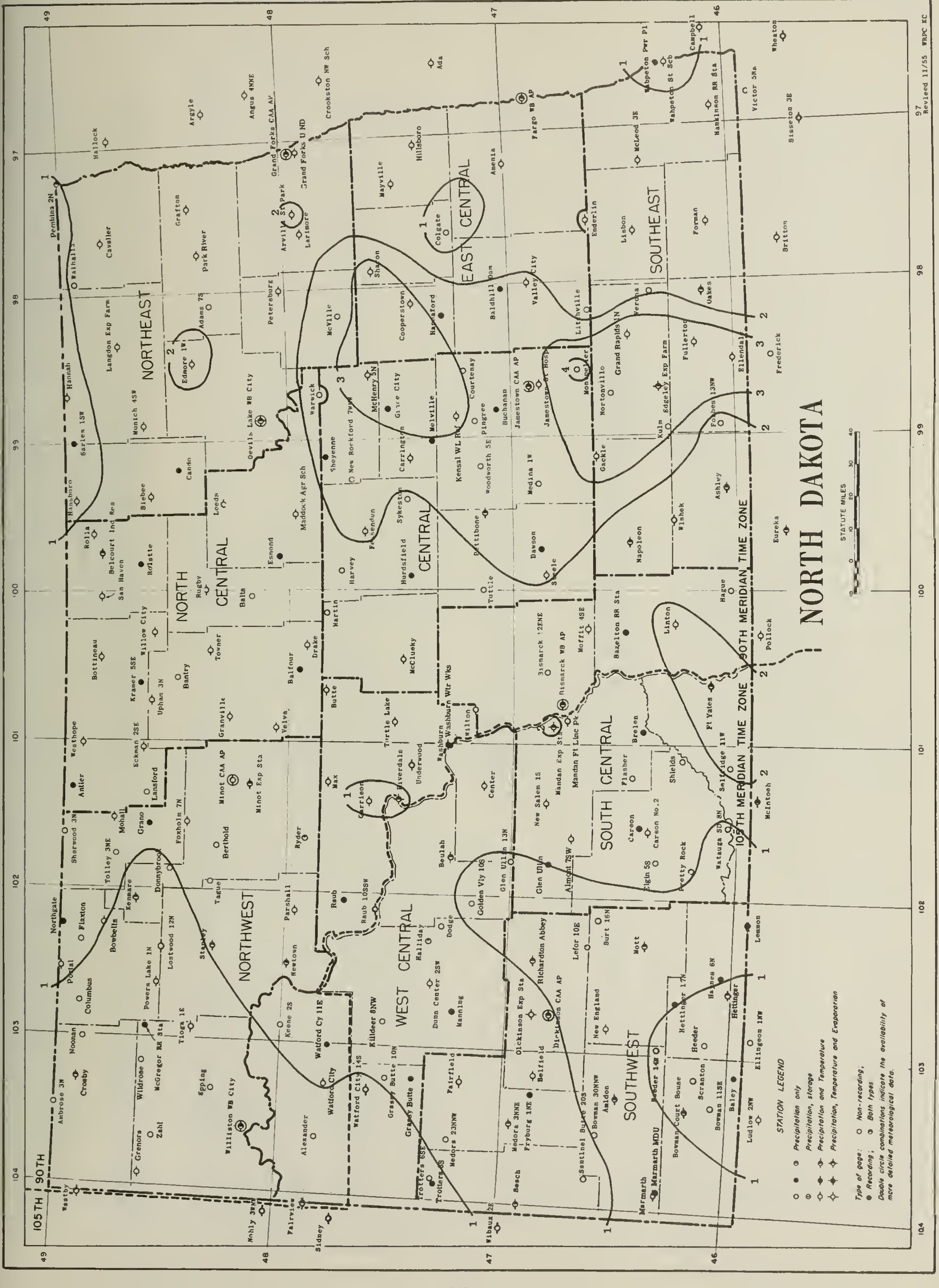
Table 6 for this issue may be found on Page 144.

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL							3.6	.4															T								
	SN ON GND							2																								
AMIDON	SNOWFALL								3.0	T														–	T							
	SN ON GND								–																							
BEACH	SNOWFALL					1.0			2.0															1.5								
	SN ON GND					1			2	T														1	T	T	T					
BELCOURT INDIAN RES	SNOWFALL																						T	.5								
	SN ON GND																						T	1	1	T	T	T				
BISMARCK WB AP	SNOWFALL					T	T																	T	T	T						T
	SN ON GND																															
BOTTINEAU	SNOWFALL																							.4	T							
	SN ON GND																							T	T	T	T	T	T			
BOWBELLS	SNOWFALL																						T	–								
	SN ON GND																							4	4	4	4	3	2			
BUTTE	SNOWFALL																							–								
	SN ON GND																							3	3	3	3					
CROSBY	SNOWFALL																						1.0	4.0								
	SN ON GND																						–	3	3	3	2	2	1			
DEVILS LAKE WB CITY	SNOWFALL								T	T													T	.5	T	T						
	SN ON GND								T															T	T	T	T	T				
DICKINSON CAA AP	SNOWFALL							3.4	T														T	T	T							
	SN ON GND								3															T	T	T						
DUNN CENTER 2 SW	SNOWFALL								1.0															4.0	T							
	SN ON GND																							2	1	1	1	T				
EDMORE 1 W	SNOWFALL																						T	T	.4							
	SN ON GND																						T	T	T	T						
FAIRFIELD	SNOWFALL					T		2.0	T														T	T								
	SN ON GND							2	T															T								
FARGO WB AP	SNOWFALL																							T	T	T						
	SN ON GND																															
FORT YATES	SNOWFALL																								T	T						
	SN ON GND																															
GRAFTON	SNOWFALL																							T	.2							
	SN ON GND																															
GRAND FORKS CAA AP	SNOWFALL																							T								
	SN ON GND																							T								
GRANVILLE	SNOWFALL																						T	2.0								
	SN ON GND																							1	1	1	1	T				
HANSBORO	SNOWFALL																						T	.3								
	SN ON GND																							T	T	T						
HETTINGER	SNOWFALL							3.0																T								
	SN ON GND							3	1																							
JAMESTOWN CAA AP	SNOWFALL																							T	T							
	SN ON GND																															
LANGDON EXP FARM	SNOWFALL																								.4							
	SN ON GND																								T							
MAX	SNOWFALL																							.5	T							
	SN ON GND																							T	T	T	T	T	T			
MAYVILLE	SNOWFALL																							T								
	SN ON GND																															
MC HENRY 5 N	SNOWFALL																							T								
	SN ON GND																							T								
MINOT CAA AP	SNOWFALL							T	T														.1	2.5	T							
	SN ON GND								T														T	2	2	2	2	1	1			
MOHALL	SNOWFALL																						T	5.0				T				
	SN ON GND																						T	5	4	4	2	T				
MOTT	SNOWFALL							T																								
	SN ON GND							T																								
MUNICH 4 SW	SNOWFALL																						T		1.0							
	SN ON GND																						T		1	–						
PARSHALL	SNOWFALL							T															T	2.0								
	SN ON GND																							1	1	1						
PETERSBURG	SNOWFALL																								T							
	SN ON GND																															
RIVERDALE	SNOWFALL																							1.0	T	T						
	SN ON GND																							1	T							
SHARON	SNOWFALL																						T									
	SN ON GND																															
STANLEY	SNOWFALL																						T	4.5								
	SN ON GND																							5	4	3	2	1				
WAHPETON STATE SCHOOL	SNOWFALL																									T						
	SN ON GND																															
WATFORD CITY	SNOWFALL					T																		T								
	SN ON GND																															
WILLISTON WB CITY	SNOWFALL					T			T														1.1	.4	T	T						
	SN ON GND								T														T	1	T	T	T	T				
WILLOW CITY	SNOWFALL																							1.0								
	SN ON GND																							T								

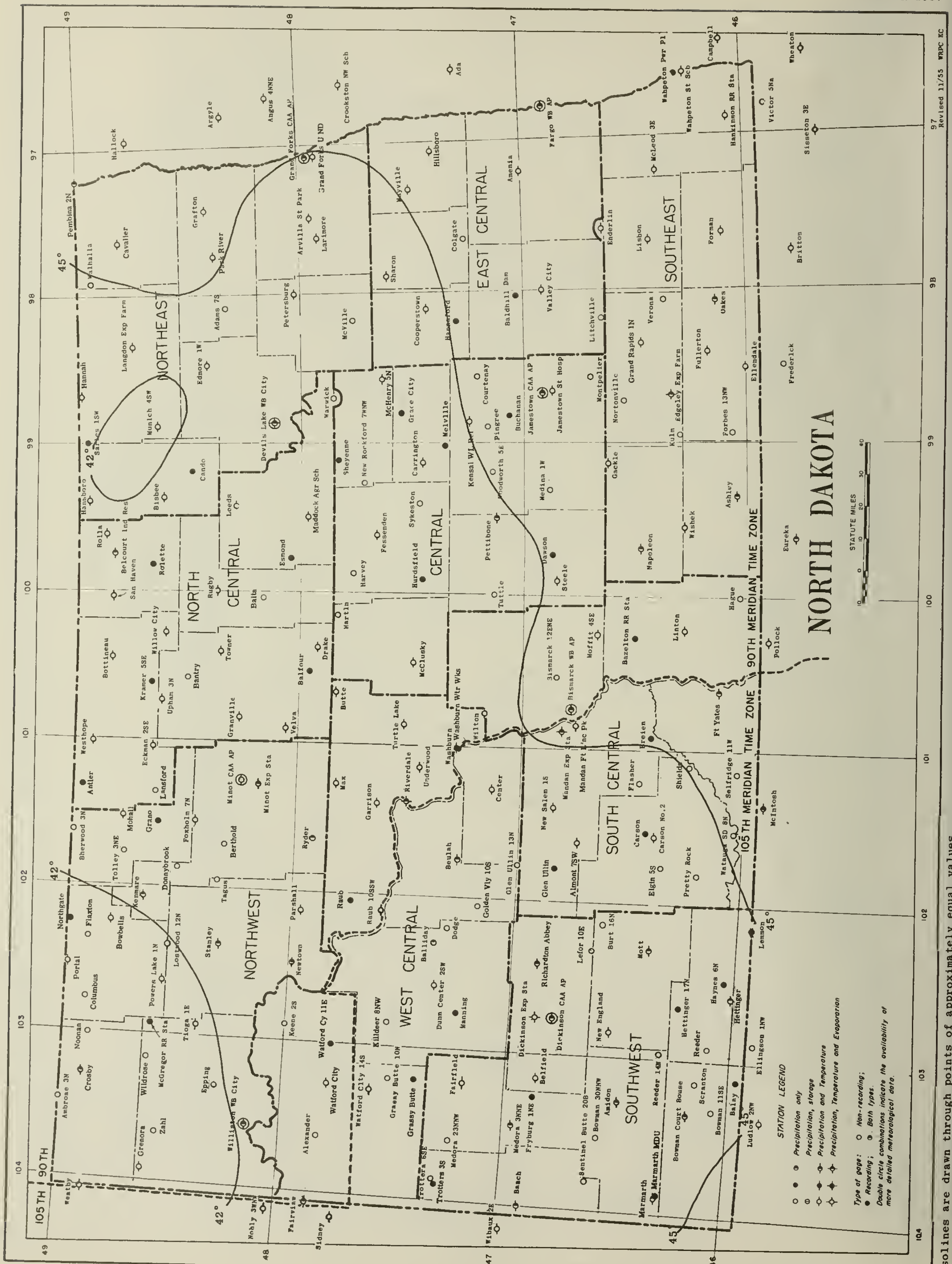
See reference notes following Station Index.



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

OCTOBER 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	46 28	96 47	935		6P	Helmer Amundsen	3
Adams 7 S	0022	Walsh	10	48 20	98 06	1554		6P	Myron J. Bata	3
Alexander	0096	McKenzie	13	47 50	103 38	2200		6P	James Weer	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
Ambrose 3 N	0189	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Geheke	2 3 5 7
Amidon	0209	Slope	1	46 29	103 19	2910	8A	8A	Fred Fleener	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		M10	W. R. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		M10	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615		M10	Pius Locker	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2824	6A	6A	Luther F. Hodgin	2 3 5 7
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joan Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780	6A	6A	Mont. Dak.Util. Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	MID	M10	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	5P	D. B. Hook	2 3 5 C
Bowman 9 SE	0998	Bowman	3	46 05	103 19	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John R. Hanson	3
Brien 4 S	1052	Sioux	1	46 20	100 56	1825		M10	Evelyn A. Larson	C
Buchanan	1124	Stutsman	5	47 04	98 49	1572		M10	CLOSED - - - - -	10/15/57
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1885	8A	8A	Sam Kritsky	2 3 5 7
Cando	1288	Towner	2	48 29	99 12	1481		MID	Harry E. Harris	C
Carrington	1360	Foster	5	47 27	99 08	1586	8A	8A	Andrew C. Heinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		8A	J. O. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		6P	G. H. Ranawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	MID	M10	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	M10	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	6	47 18	102 12	1989		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	7A	John B. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	5P	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2695	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Fering	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	86 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	6P	Emil E. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Thomas Lynch	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	5P	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		M10	John Syminow	C
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alis	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert H. Backfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		M10	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	M10	7P	University of N. D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		M10	Robert Oecker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		M10	Grayce R. Warren	C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497		8A	CLOSED - - - - -	10/7/57
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		6P	Peter Kocher	3
Haley	3836	Bowman	3	45 58	103 08	2651		M10	Betty J. Krinke	C
Halliday	3846	Dunn	6	47 21	102 20	2048		6P	Walter Weisenburger	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3983	Towner	9	48 57	99 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1595		6P	Stephen Schreder	3
Haynes 9 NNE	4073	Adams	1	46 05	102 26	2572		M10	John R. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred D. Forthun	2 3 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346		6P	Kenneth V. Berget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	9a	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1815	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	6p	6P	Clarence McCormack	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	6P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Rorvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	46 45	100 52	1674	5P	5P	Fort Lincoln Park	2 3 5
Manning	5519	Dunn	6	47 14	102 46	2219		MID	Donald Jefferies	C
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	8A	E. B. Jestnes	2 3 5 C
Martin	5610	Sheridan	11	47 50	100 07	1610		5P	Station Inactive	3
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	K. N. Schafer	2 3 5 7
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	2221		MID	L. E. Erickson	C
McHenry 5 W	5330	Eddy	11	47 38	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	Gordon E. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1467	6P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	46 53	99 19	1795		8P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		M10	Edgar S. Stegmeier	C
Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.D. Agri. Exp. Sta	2 3 5
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	48 46	101 31	1639	6P	6P	W. S. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	1379		6P	Rolf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	6195	Cavalier	2	48 38	88 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6383	Mountrail	8	47 59	102 29	1905	6P	6P	Erwin A. Ventsch	2 3 5 C
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850		M10	U.S. Customs Sta.	C
Nortonville	6565	La Moure	5	46 33	98 44	1508		6P	Henry L. Erickson	3
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina	6947	Pembina	10	48 58	97 14	780	6P	6P	S. W. Douglas	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Brotos	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	CLOSED - - - -	10/15/57
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 5
Powers Lake 1 W	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 06	1958	6P	6P	Lyle P. Holtan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Kittleson	3
Reeder 14 W	7452	Slope	1	46 19	102 57	2784		8A	Chas. W. Wetzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		M10	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	99 37	1819	7P	7P	Theo. B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rollette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		M10	David E. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	CLOSED - - - -	9/30/57
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. E. Wilson	3
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	7P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	99 07	1480		M10	Alvin R. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8368	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellingboe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley	8764	Renville	12	48 43	101 50	1848		6P	Arthur I. Folland	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		M10	John O. Nellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5p	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	8A	8A	R. R. Ayers	2 3 5
Verona	9035	La Moure	5	46 22	98 05	1382		6P	Warren D. Tang	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		M10	Otter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	Felix A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil B. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 W	9219	Grant	1	46 02	101 34	2074		6P	Mary E. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1965	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	M10	U.S. Weather Bureau	2 3 5 7 C
Williston Exp Farm	9430	Williams	8	48 09	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	J. M. Wellerud	2 3 5
Woodworth	9575	Stutsman	5	47 09	99 18	2041		6P	Chester W. Thompson	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 12-2-57 -- 850

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p. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

NOVEMBER 1957
Volume LXVI No. 11

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ASHEVILLE: 1958

WEATHER SUMMARY

November was mostly cloudy and mild. Light precipitation fell on many days but the monthly totals were considerably below the long-term means at most stations. The stormy weather hindered field work but benefited pastures. Livestock were in good condition.

There were many mild days and a few cold days in November. Many stations registered their highest temperatures for the month on the 1st. Other especially mild days were the 6th, 11th, and 12th. A long mild spell began on the 11th and lasted to the 28th. Monthly maximum temperatures were in the 50's at almost all stations. The highest temperature for the month, 59°, occurred at Fullerton on the 6th and 12th, at Wahpeton State School on the 10th, and at Mott and Raub 10 SSW on the 11th. The last two days were generally the coldest over North Dakota. Nearly all stations registered their lowest temperatures for the month on those dates. The monthly minimum temperatures were near zero or lower over much of the State. In the west central and southwestern counties, the monthly minimums were generally between zero and 10° above zero. The coldest temperature for the State, 7° below zero, occurred at Bottineau on the 29th. Early morning temperatures were 32° or lower on almost every morning and maximums were 32° or lower on a few days at most stations. Monthly mean temperatures ranged from 25.0° at Munich 4 SW to 32.8° at Watford City 14 S. Monthly mean temperatures were above the long-term means at all stations. Temperature departures ranged from +0.2° at Grand Forks University to +4.2° at Fessenden.

Light rain with a few snow flakes fell on November 1 and 2. Most of the precipitation during the rest of the month fell as snow. Freezing drizzle occurred in the Devils Lake vicinity on the 13th and 14th. Light snow at near-freezing temperatures glazed the sidewalks, streets, and highways in the Bismarck area. Many accidents occurred. Monthly precipitation totals ranged from 0.03 inch at Hansboro to 1.39 inches at Foxholm 7 N. Precipitation was generally less than the long-term means over most central and northern counties but exceeded the long-term means over the west central, east central, and southern sections. Numerous stations recieved only light snow flurries during November. Many stations, mostly in the northern, western, and central sections, received several inches. The greatest amount, 12.0 inches, fell at Killdeer 8 NW.

The light to moderate snow from November 6 to 8 interfered with the completion of the harvest of potatoes and sugar beets. The pleasant, mostly fair weather from the 9th to 12th was excellent for outdoor work. Some fields were too wet to support the machinery for harvesting soybeans and corn. The cloudy, rainy weather beginning November 13 was unfavorable for harvesting late fall crops. Many fields continued too wet for harvesting sugar beets, soybeans, and corn. After the ground froze, the harvest of soybeans and corn continued but some beets were frozen in the ground. The losses were expected to be small. Light precipitation occurred almost every day to the 29th. The light snow on the 28th glazed the highways over the western counties. Two persons were killed in highway accidents. At the end of the month, the harvest of soybeans was almost completed and corn picking continued. The weather had been favorable for fall-seeded grains and pastures. The livestock thrived on abundant green feed.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00A CST	6:00A CST	12:00P CST	6:00P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
BISMARCK WB AIRPORT	NW	13	10.9	45	NW	27	81	83	70	72	12	4	2	0	0	0	18	36	7.5
DEVILS LAKE WB CITY	NW	–	8.5	27	N	28	–	89	81	82	13	9	2	0	0	0	24	29	8.5
FARGO WB AIRPORT	N	18	15.8	57	N	29	85	86	76	81	15	3	1	1	0	0	20	21	8.5
WILLISTON WB CITY	W	–	6.8	25	W	26	–	83	73	74	6	8	2	0	0	0	16	33	7.8

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
NORTHWEST DIVISION																								
BOWBELLS		35.8	20.0	27.9		46	1+	- 2	29	1104	0	8	30	1	.24		.16	7				1	0	0
CROSBY		34.8	18.8	26.8	1.0	44	6+	- 1	29	1140	0	9	30	2	.37	- .03	.13	7+	3.5	2	16+	2	0	0
FOXHOLM 7 N		39.3M	20.5M	29.9M	3.3	52	1	1	29	1049	0	5	30	0	1.39	.82	.60	15				4	1	0
GRENORA		38.1	20.4M	29.3M		50	25			1060	0	5	30		.55		.30	7		2	7+	3	0	0
KENMARE	AM	35.6	19.2	27.4		55	1	- 1	29+	1118	0	11	30	2	.28	- .25	.18	7				1	0	0
LOSTWOOD 12 N		34.7	17.6M	26.2M		49	1	4	21+	1155	0	11	30	0	D .23		D .10	22	2.5	2	7+	1	0	0
MINOT CAA AP		35.7	21.0	28.4		51	6	1	29	1094	0	12	30	0	.34		.11	7	2.7	1	7+	1	0	0
MINOT EXP STATION	AM	35.3	20.5	27.9		57	1	0	29	1105	0	11	29	1	.53		.33	7	4.0	3	8+	1	0	0
MOHALL		35.6	19.7	27.7	2.2	45	5+	- 2	29	1111	0	9	30	1	.25	- .33	.16	7	1.5	1	7+	1	0	0
NEWTOWN		39.3	21.4	30.4	3.8	55	6	2	29	1029	0	5	28	0	.25	- .35	.16	7	3.0	2	7	1	0	0
PARSHALL		38.5	20.5	29.5		53	6	0	29	1058	0	5	28	1	.30	- .19	.22	7	T	T	7+	1	0	0
PORTAL	AM	35.0	16.9	26.0	1.5	52	1	- 3	29	1163	0	10	30	2	.26	- .21	.18	7	3.0	2	7+	1	0	0
POWERS LAKE 1 N																								
STANLEY		35.4	19.8	27.6		49	1	- 1	29	1113	0	9	30	1	.34		.24	7	2.7	2	7+	1	0	0
TIOGA 1 E	AM	35.5	18.2	26.9		55	1	- 3	29	1137	0	9	30	1	.44		.15	7	1.5	T	7+	2	0	0
WILLISTON WB CITY	R//	38.8	23.2	31.0	2.7	51	25	6	29	1014	0	6	29	0	.84	.26	.37	15	5.7	1	15+	2	0	0
WILLISTON EXP FARM		37.6M	21.2M	29.4M		50	5	4	21	1063	0	8	30	0	1.01		.59	15				4	1	0
DIVISION				28.3	2.3										.48	- .02			2.7					
NORTH CENTRAL OIVISION																								
BELCOURT INDIAN RES		34.0	17.0	25.5		50	12	- 4	29	1177	0	15	30	3	.25		.10	25	3.5	3	25	1	0	0
BOTTINEAU	AM	34.3M	16.8	25.6M	1.8	57	1	- 7	29	1180	0	15	30	2	.25	- .14	.10	25	1.7	1	25+	1	0	0
DRAKE	AM	36.5M	20.1M	28.3M	2.3	61	1	- 1	30.	1093	0	10	29	2	.51	- .12	.25	7				2	0	0
BECKMAN 2 SE	AM	35.2	19.1	27.2	3.0	57	1	- 1	29	1127	0	12	30	1	.36		.21	7				1	0	0
GRANVILLE		38.0M	21.1M	29.6M	3.1	53	6	0	29	1056	0	6	30	1	.42	- .09	.30	7	2.0	1	7+	2	0	0
LEEDS		35.5	20.5	28.0		50	6	- 1	29	1102	0	13	28	1	.55		.32	7	5.0	2	7+	2	0	0
MADDOCK AGR SCHOOL		36.8	20.5	28.7	3.0	55	1	0	29	1083	0	10	28	1	.47	- .03	.30	7		3	7+	2	0	0
ROLLA		34.1	18.3	26.2		50	12	- 2	29	1159	0	14	30	2	.36		.15	7	4.1	2	7+	2	0	0
RUGBY		36.0	20.5	28.3		50	1	- 2	29	1093	0	12	29	1	.35	- .18	.15	7	5.4	2	7+	2	0	0
SAN HAVEN		34.0	18.8	26.4	2.4	49	12	- 4	29	1152	0	14	30	2	.19	- .24	.07	25	2.5	1	25+	0	0	0
TOWNER		37.2	22.0	29.6	4.0	52	6	- 1	30	1057	0	7	29	1	.52	- .11	.26	8+	4.0	0		2	0	0
UPHAM 3 N		37.0	18.6	27.8		53	1	- 3	29	1110	0	8	30	2	.31		.16	7	4.5	2	7+	1	0	0
VELVA	AM	37.6	20.7	29.2	1.9	60	1	0	29+	1067	0	8	30	2	.54	- .15	.30	7	2.7	2	8+	1	0	0
WESTHOPE		34.2	17.5	25.9	1.6	49	6	- 6	29	1167	0	14	30	2	.19		.10	7	2.5	2	25+	1	0	0
WILLOW CITY		35.8	17.5	26.7	2.8	50	6	- 4	29+	1142	0	9	30	2	.27	- .27	.15	7		1	7+	2	0	0
DIVISION				27.6	2.5										.37	- .19			3.4					
NORTHEAST OIVISION																								
ARVILLA STATE PARK		36.7	16.4	26.6		51	6	- 4	30	1148	0	11	29	3	.31		.19	7	4.0			1	0	0
BISBEE		34.8M	18.9	26.9M		49	1+	- 4	29	1135	0	15	30	2	.26		.11	25	2.5	1	7+	2	0	0
CAVALIER		35.2	19.4	27.3		54	1	- 1	29	1126	0	12	29	1	.52		.19	7	4.6	2	7+	2	0	0
DEVILS LAKE WB CITY	R//	33.9	19.9	26.9	1.8	50	11	- 1	29	1134	0	15	30	1	.52	- .15	.24	7	6.0	3	7+	2	0	0
EDMORE 1 W		35.5	19.1M	27.3M		49	11+	- 1	29	1130	0	14	29	1	.30		.13	7	4.6	3	7+	1	0	0
GRAFTON		35.6	20.2	27.9	1.5	56	1	1	29	1107	0	12	29	0	D .52	- .38	.24	7				2	0	0
GRAND FORKS CAA AP	R	33.8	19.9	26.9		49	6	- 1	29	1137	0	15	30	1	1.14		.44	7	5.2	2	7+	4	0	0
GRAND FORKS UNIVERSITY		33.6	18.8	26.2	0.2	49	6	- 1	29	1155	0	16	30	1	.93	.01	.38	7	5.8	3	7+	3	0	0
HANNAH		34.5	16.6	25.6		51	12	- 5	29	1175	0	14	30	2	.28	- .42	.10	7	3.6	2	20+	1	0	0
HANSBORO		34.3M	17.7M	26.0M	2.3	56	12	- 4	29	1163	0	15	30	2	.03	- .49	.02	7	1.3	1	7+	0	0	0
LANGDON EXP FARM		34.4	17.5	26.0	3.2	51	1	- 4	29	1165	0	13	30	4	.45	- .30	.23	7	4.1	3	8+	1	0	0
LARIMORE		37.1M	20.9M	29.0M	2.5	52	1			1075	0	11	29		1.19	.41	.50	20					1	0
MC VILLE		35.3	18.8	27.1		50	6+	0	29	1132	0	14	30	1	.45		.23	7	5.0	3	7+	1	0	0
MUNICH 4 SW		34.0	15.9M	25.0M		49	12	- 6	29+	1198	0	15	30	3	.44		.15	7		2	21	1	0	0
PARK RIVER		36.6	21.4M	29.0M	3.4	56	1			1072	0	10	28		.19	- .44	.07	7	1.9	1	7+	0	0	0
PEMBINA		34.4	18.9	26.7		58	1	- 6	29	1142	0	12	30	2	.49	- .23							0	0
PETERSBURG		34.1	20.0	27.1		48	6+	0	29	1131	0	15	29	1	.36	- .21	.15	7	3.3	1	2+	1	0	0
DIVISION				26.9	2.0										.49	- .23			4.0					
WEST CENTRAL DIVISION																								
BEULAH	AM	40.1	18.0	29.1		56	1	2	30	1070	0	5	29	0	.13		.11	7				1	0	0
BUTTE	AM	36.6M	19.9M	28.3M		60	1	- 2	29+	1101	0	8	29	2	.34		.29	7		2	7+	1	0	0
CENTER		40.7M	20.1M	30.4M		58	11	3	30	1031	0	4	28	0	.47		.29	7	2.0	1	7+	1	0	0
DUNN CENTER 2 SW	AM	38.7	23.2	31.0	3.2	56	1	7	29	1014	0	9	29	0	.76	.30	.42	15	2.5			2	0	0
GARRISON	AM	40.1M	20.8	30.5M	3.5	60	1	0	29+	1027	0		29	2	.20	- .42	.16	7				1	0	0
MAX	AM	36.6	19.2	27.9	2.5	59	1	0	29+	1104	0	9	29	2	.39	- .20	.30	7	1.6	1	7+	1	0	0
RAUB 10 SSW		40.7	23.2	32.0		59	11	1	29	986	0	5	29	0										
RIVERDALE	AM	38.5	21.3	29.9		58	1	5	29	1045	0	9	29	0	.22		.20	7	T	T	7+	1	0	0

See reference notes following Station Index.

TABLE 2 - CONTINUED

Station		Temperature									No. of Days Max.		No. of Days Min.		Precipitation				Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure from Long-Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		38.4	19.7	29.1		52	12	-3	29	1073	0	8	29	1	.29		.20	7				1	0	0
UNDERWOOO	AM	38.8	19.5	29.2		65	1	-2	30	1066	0	6	29	2	.28		.24	7	2.8	2	7+	1	0	0
WASHBURN																								
WATFORD CITY		39.9	23.5	31.7	2.7	52	12	6	29	993	0	5	29	0	1.12	.56	.52	15	6.5			4	1	0
WATFORO CITY 14 S		42.7	22.8	32.8		56	1	9	29	961	0	4	28	0	1.14		.30	7+	8.0	3	15	4	0	0
WILTON		37.8	18.9	28.4		52	12	5	30	1092	0	9	30	0	.30		.15	7	4.3			2	0	0
DIVISION				30.0	2.8										.41	-.14			2.8					
CENTRAL DIVISION																								
CARRINGTON	AM	35.8	19.4	27.6	1.8	59	1	1	29+	1116	0	13	29	0	.54	-.04	.26	7	7.3	2	8+	1	0	0
FESSENOEN		39.4	21.3	30.4	4.2	58	1+	0	29	1033	0	6	28	1	.60	-.08	.40	7	4.7	3	8	2	0	0
JAMESTOWN CAA AP	R//	36.8	21.2	29.0		55	12	3	29+	1071	0	11	30	0	.79		.34	1	2.7	1	8+	3	0	0
JAMESTOWN STATE HOSP		37.1	22.8	30.0	2.0	55	12	3	29+	1044	0	11	29	0	.58	-.09	.36	1	1.0	1	7	2	0	0
KENSAL WILOLIFE REFUGE		38.1	20.1	29.1		57	1	2	29+	1069	0	5	28	0	.40		.15	7	6.1	3	7+	2	0	0
MC CLUSKY		37.5	20.5	29.0	2.0	51	12	-2	29	1072	0	7	29	1	.28	-.37	.18	7	.9	T	7+	1	0	0
MC HENRY 5 N		34.6	18.8	26.7		50	6	-2	29+	1140	0	14	30	2	.55		.27	7	7.2	3	7+	1	0	0
PETTIBONE		37.8	19.9	28.9	2.5	56	12	-1	29	1078	0	8	28	2	.34	-.16	.21	7		1	7+	1	0	0
STEELE		39.9M	21.7M	30.8M	3.4	57	11+	-1	29	1017	0	9	28	1	.49	.04	.20	7	7.5	1	7+	2	0	0
DIVISION				29.1	2.4										.51	-.08			4.7					
EAST CENTRAL OIVISION																								
AMENIA		37.1	23.0M	30.1M		54	1			1039	0	9	29	0	1.19		.66	1	T	T	2+	2	1	0
COOPERSTOWN		37.0M	20.7M	28.9M		54	1	0	29	1058	0		30	1	.56	-.09	.28	7	5.8	2	7+	2	0	0
FARGO WB AP	R//	35.9	22.0	29.0	1.4	54	11	1	30	1074	0	12	28	0	.82	-.05	.63	1	1.6	1	20	2	1	0
HILLSBORO		35.9	22.7	29.3	2.0	54	1	4	30	1064	0	13	29	0	.92	.16	.42	1	2.6	1	7+	2	0	0
MAYVILLE		35.6	21.9	28.8	1.1	55	1	2	30	1083	0	11	28	0	.43	-.21	.19	1	3.0	1	7+	1	0	0
SHARON		35.1	19.9M	27.5M	1.7	50	1+	0	29	1119	0	13	30	1	.53	-.21	.28	7	4.5	2	7+	2	0	0
VALLEY CITY		37.7M	23.7M	30.7M	2.1	57	1			1024	0	6	29		.97	.23	.40	1				3	0	0
OIVISION				29.2	2.0										.77	.07			2.9					
SOUTHWEST OIVISION																								
AMIOON	AM	39.5M	21.3M	30.4M				9	21	1037	0	8	29	0	.90		.41	15	8.7	6	16+	4	0	0
BEACH	AM	39.9	22.5	31.2		58	1	8	22	1005	0	9	29	0	.62		.23	1	4.3	2	21	2	0	0
BELFIELO		39.3	23.2	31.3		53	10+	9	29	1005	0	7	27	0	.82		.58	15		5	15	1	1	0
BOWMAN COURT HOUSE		40.6	21.1	30.9	0.9	55	10+	10	21	1016	0	6	29	0	.71		.37	15	4.5	5	15	2	0	0
OICKINSON CAA AP	R//	39.0	22.0	30.5		57	10	10	21+	1027	0	7	30	0	1.19		.67	15	4.9	3	16	3	1	0
OICKINSON EXP STATION	AM	40.0M	21.3	30.7M	2.8	60	1	10	29+	1025	0	7	29	0	.88	.33	.40	15				3	0	0
FAIRFIELO		37.8	20.6M	29.2M		49	12+	5	21+	1067	0	9	29	0	1.01		.72	15	11.0	8	20+	2	1	0
HETTINGER		39.8	22.5	31.2	0.4	57	11	8	21	1008	0	7	28	0	1.11	.75	.70	15		3	15+	2	1	0
MARMARTH	AM	41.9	21.4	31.7	1.6	60	1	9	9+	992	0	6	30	0	.73	.28	.40	2		T	2+	3	0	0
MEOORA 3 NNE		42.3	22.0	32.2		54	1	6	9	980	0	3	28	0	.87		.43	15	5.0	2	15+	2	0	0
MOTT		41.8	20.7	31.3	1.4	59	11	6	30	1005	0	6	29	0	.76	.32	.43	15	.3	T	7+	2	0	0
NEW ENGLAND		39.8	21.8	30.8	0.6	56	10	9	9	1018	0	6	29	0	1.15	.63	.65	15				2	1	0
RICHAROTON ABBEY		40.4	23.5	32.0	2.4	57	11	8	29	983	0	6	28	0	.66	-.16	.24	15	3.1	1	7+	2	0	0
OIVISION				31.0	1.3										.88	.39			5.2					
SOUTH CENTRAL OIVISION																								
ALMONT 7 SW		40.1	23.5	31.8		56	11	8	29+	989	0	6	30	0	.48		.30	1	1.7	1	7+	1	0	0
BISMARCK WB AP	R//	40.1	21.9	31.0	2.6	55	12	4	29	1012	0	5	30	0	.42	-.11	.12	7+	2.9	1	28	2	0	0
CARSON NO 2	AM	40.4M	21.7	31.1M	1.8	60	1	9	30	1008	0	10	29	0	.52	-.03	.36	2				2	0	0
FORT YATES	AM	41.3	21.7	31.5	0.6	60	1	8	29	997	0	4	28	0	.36	.00	.10	1+	1.3	1	21	2	0	0
LINTON		42.0	19.6	30.8	1.5	60	1	-2	29	1019	0	5	28	2	.82	.42	.40	1	2.1	1	28	3	0	0
MANOAN EXP STATION	AM	39.9	22.1	31.0	2.7	61	1	4	29	1015	0	6	28	0	0 .25	-.34	.08	7	1.9	1	8+	0	0	0
MANOAN FT LINCOLN PARK		41.6	19.7M	30.7M		55	11	0	29	1025	0	5	29	1	.42		.18	7	1.0	1	20	1	0	0
MOFFIT 4 SE		40.7	20.5	30.6		57	11	3	29	1024	0	4	28	0	.33		.12	1+	2.0	1	7+	2	0	0
NEW SALEM 1 S		40.8M	21.9M	31.4M	2.6	57	12			1001	0	5	30		.18	-.29	.06	1+	1.1	0		0	0	0
OIVISION				31.1	1.7										.42	-.08			1.8					
SOUTHEAST OIVISION																								
ASHLEY		39.9	21.0	30.5	2.4	56	13	1	29	1028	0	7	29	0	.30	-.12	.27	1	T	T	1+	1	0	0
EOGELEY EXP FARM	AM	38.8	21.0	29.9	1.9	62	1	2	29+	1046	0	9	29	0	.95	.49	.70	2	.1	T	8+	2	1	0
ELLENOALE		40.4	22.4	31.4	2.1	56	13	3	30	1003	0	7	28	0	1.01	.38	.74	1	2.3	1	2+	2	1	0
ENDERLIN	AM	37.3	21.2	29.3		62	1	2	30	1065	0	10	29	0	.74		.35	1	6.0			3	0	0
FORMAN		38.6	23.1M	30.9M		51	1	0	30	1017	0	9	28	1	.91	.27	.46	2	1.2	1	29	3	0	0
FULLERTON		40.5	22.3	31.4	2.0	59	6+	1	30	1002	0	6	28	0	1.17	.31	1.07	2	.3	0		1	1	1
GACKLE		38.2	21.8	30.0		56	11	-1	29	1044	0	8	30	1	.70		.54	1	1.5	1	2+	1	1	0
GRANO RAPIOS 1 N		40.0	20.7	30.4		57	12	1	30	1031	0	5	30	0	1.22		.93	1	3.5	2	2	2	1	0
HANKINSON R R STATION	AM	38.5	21.9	30.2	1.5	55	12	5	30	1038	0	9	27	0	.94	.25	.65	2				1	1	0
LISBON		41.1	22.6	31.9	2.9	57	1	1	30	988	0	2	27	0	1.15	.48	.52	1		1	29+	2	1	0
MC LEOO 3 E		38.8M	21.3	30.1M	0.9	55	13	-5	30	1040	0	8	28	1	0 .96	.26	.36	2	2.0	1	7+	3	0	0
NAPOLEON		38.8	22.2	30.5	2.7	56	13	0	29	1025	0	8	28	1	.96	.33	.32	1	4.0	2	8	3	0	0
OAKES	AM	37.4M	20.9	29.2M	0.6	56	1	-1	30	1074	0	10	29	1	.93	.30	.77	2		1	2+	1	1	0
WAHPETON STATE SCHOOL		39.6	23.2	31.4	1.3	59	10	0	30	1002	0	7	25	1	1.00	.29	.45	2	2.5	1	21+	3	0	0
WISHEK	AM	38.5	19.6	29.1	1.9	60	1	1	29+	1071	0	8	28	0	.76	.35	.45	2	2.7	1	2+	2	0	0
DIVISION				30.4	1.7										.91	.30			2.2					

0 OATA RECEIVED TOO LATE TO BE INCLUOEO IN DIVISION MEANS.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW		.86	.25	.34					.04	.01						T						.01	.01		.04		.05				.11		
ADAMS 7 S		.49		.09	T	T	T	T	.19						T	T				T	.11	.10											
ALEXANDER		1.02	.07						.25								.36	.05			.15					.05				.09			
ALMONT 7 SW		.48	.30						.08	T						T	.01	.03	.01		.01	.04			T					T			
AMBROSE 3 N		.52							.17								.19	.10	.03		T	.02			T			.01					
AMENIA		1.19	.66	.38					.05	.02												.02			.06								
AMIDON		.90	.10				T	T	T	.13	T						.41	.14				.02	T				T		.02		.07	.01	
ARVILLA STATE PARK		.31	T	.07					.19	T												.05					T						
ASHLEY		.30	.27			T			.02	T						.01		T	T	T		T	T								T		
BALTA		.38		T					.20	T					T	T	T	T	T	T	T	.04		T	.03		.11						
BANTRY		.24							.12	T						T						T	.05				.07						
BEACH		.62	.23	.15	T		T		.07	.05	T						T	T	T			.01	.02		T	T			T		.09		
BELCOURT INDIAN RES		.25							.06	T						T	T		T	.03	T	.01			.04	.01	.10						
BELFIELD		.82	.03	T						.03	.03						.58				T				.05			T		.06	.04		
BERTHOLD		.53							.36						T	T	.01	.04	.02	.04		.02					.04			T			
BEULAH		.13							.11	.02								T				T	T										
BISBEE		.26							.10	T							T		T	T		.05				T	.11						
BISMARCK WB AP	R//	.42	.06	.02			T		.12	.04						T	T	T	T		T	.06	T		T	T		T	T	.12	T		
BISMARCK 12 ENE		.88	.76	.02					.10	T							T	T	T												T		
BOTTINEAU		.25							.07	T	T					T	T	T	T	.01	T	.01			.06	T	.10		T		T		
BOWBELLS		.24							.16								T		.03	T	T	T	T				.05	T	T				
BOWMAN COURT HOUSE		.71	.27	.03	T				T								.37													T	.04		
BOWMAN 9 SE		1.16	.41	.20													.55																
BOWMAN 30 NNW		1.29	.21				.08	.10	.07								.60					.18	T		T	T				.05			
BURT 16 N		.64	.31						.03	T						.03	.20	.05							T					.02	T		
BUTTE		.34							.29		T						T	T				T							T		.05		
CARRINGTON		.54		.02	T		T		.26	.06	T					T	.01	T		T	T	T	.04		T	.01	.05	.06	T		.03		
CARSON NO 2		.52	.12	.36													T	.04				T									T		
CAVALIER		.52		T	T				.19	.01	T				T	.05	T			T	T	.05			T	T	.18	T	.04				
CENTER		.47							.29							T		T			.09									.09			
COLGATE		.57	.40	.06					.06										T			.05			T					T			
COLUMBUS		.33							.22	.01							T	.03		.04							.02		.01				
COOPERSTOWN		.56	T	.12					.28	T												.05	T		T		.06				.05		
COURTENAY		.72	T	.15					.18	T	T										T	T					.32				.07		
CROSBY		.37							.13	T							.13	.07	.02	T	T	T			T	T		.02	T				
DEVILS LAKE WB CITY	R//	.52	T	T	T	T			.24	.01	T				T	T	T	T	T	.01	.01	.05	.01	.01	.04	.02	.11	T	T	.01	T		
DICKINSON CAA AP	R//	1.19	.16	T				T	.06	T						.16	.67	.03			T	.05	T		T			T	T	.04	.02		
DICKINSON EXP STATION		.88	.11	.04			T		.04	T	T						.40	.21	T			T	.03						T	T	.05	T	
DONNYBROOK		.29							.23						T	T	.03	T	T	T	T	T			T		.03		T				
DRAKE		.51							.25	.04							T	T		T	T	T	.04				.08	T	T		.10		
DUNN CENTER 2 SW		.76		T	T				.08	.02	T	T				T	.42	.17	.01			.04	T			T				.02			
ECKMAN 2 SE		.36							.21	.05										T		T	.01				.09		T				
EDGELEY EXP FARM		.95	.13	.70						.07												T	.02								.03		
EDMORE 1 W		.30		.02					.13	T					T	T	T	T	T	T	T	.04			.03	T	.06		.02				
ELGIN 5 S		.48	.31	T	T				T	T						T	.17	T		T	T	T								T	T		
ELLENDALE		1.01	.74	.20					.01	T						T	T	T			T	.01						T		T	.05		
ENDERLIN		.74	.35	T					.07	T						T	.10					T	.08					.04			.10		
EPPING		.79	T	T					.20	.02						.03	.38	.08	T			T						.04	.01	.03			
FAIRFIELD		1.01	.02	T					.15	T						T	.72	.02			T	.06	T		T				T	.04	T		
FARGO WB AP	R//	.82	.63	.13					.02	T	T				T	T		T	T	T	T	.03	T	T	T		T	T	T	.01	T		
FESSENDEN		.60						.01	.40	.10							T						.01		.05		T			.03			
FLASHER		.21		.13		T			.04									T	.03							T					.01		
FLAXTON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FORBES 13 NW		.78	.50	.22						T											T	T								T	.06		
FORMAN		.91	.33	.46					T	T													T								.12		
FORT YATES		.36	.10	.10		.02			.06								.01	.01				.01	.05			T							
FOXHOLM 7 N		1.39							.45							.14	.60										.20						
FULLERTON		1.17	T	1.07	T				.03	T						.02	.01	T				.01	T								.03		
GACKLE		.70	.54	.04					.02	T								T				.02			.08					T			
GARRISON		.20							.16	T								.02			T	T									.02		
GLEN ULLIN 13 N		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOLDEN VALLEY 10 S		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAFTON		D .52		.12					.24	.03				T	T	T					T	.06				D.02	.05			T			
GRAND FORKS CAA AP	R	1.14	.26	.19					.44	.05	T					T					.01	.15		T		T	.04	T	T	T			
GRAND FORKS UNIVERSITY		.93	.13	.29					.38	.04	T				T	T					T	.07	T		.02	T	T				T		
GRAND RAPIDS 1 N		1.22	.93	.22					T	T						T						T					T				.07		
GRANVILLE		.42							.30	T	T					T	T	T	T	T		T					.12			T	T		
GRENORA		.55							.30								.10	T							T			.15					
HAGUE		.45	.28	.01		.02			.04	.05						T	T	T	T			.02	T	T						.02	.01		
HALLIDAY		-							-	-	-					.26	-	-	-			-	-	-						-	-		
HANKINSON R R STATION		.94	.07	.65	.01					T	T					.07	.03					T	.03	T		T					.08		
HANNAH		.28		T					.10	T							.02			.05	T	.04	T	T		T	.05		.02				
HANSBORO		.03							.02	T					T	.01	T			T	T	T				T	T		T				
HARVEY		.93							.58	.06						T						.04			.25								
HETTINGER		1.11	.27	T	.02				T	.01						.05	.70	T												.02	.04		
HILLSBORO		.92	.42	.27					.09	.05					T	T					T	.09			T		T	T	T		T		
JAMESTOWN CAA AP	R//	.79	.34	.10					.23	T	T	T			T	T	T	T	T		T	.01	.01	T	.05		T			.05			
JAMESTOWN STATE HOSP		.58	.36	.07					.10	T									T			T		.05						T	T		
KEENE 2 S		.88						.18	.10							T	.37	.13			T	.10											
KENMARE		.28							.18	.02							.03		.02	.01							.02						
KENSAL WILDLIFE REFUGE		.40	.04	.07	T				.15				T				T					T			.04		.10			T			
KILLDEER 8 NW		1.38							.08	.11						T	.86	T				.19	.06	T						.08			
KULM		1.13	.75	.16					.07	T						.01	T														.14		
LANGDON EXP FARM		.45							.23	.05					T	.01	T			T		.08	T			.02	.02		.04		T		
LANSFORD		.25							.16	T						.02	.01		T	T		T			T		.06		T				
LARIMORE		1.19	.05	.36					*	.25												.50					.03						
LEEDS		.55							.32													.05			.05		.13						
LEFOR 10 E		.90	.21	T					.04	.02						.15	.36	.04					.02		.01				T	.01	.04		
LINTON		.82	.40	.08			T		.12	.10						T	T	T	T			.05	T							.07			
LISBON		1.15	.52	.42					.05							T							.01				.07				.08		
LITCHVILLE		1.16	.74	.22					.08							T	T					T	.01		.05		.05				.01		
LOSTWOOD 12 N		D .23							.08							T	T	T	T	T	T	T		D.10	T	T	.05		T	T	T	T	
MADDOCK AGR SCHOOL		.47		T					.30		T									T	T	.03	T		T		.14	T					
MANDAN EXP STATION		D .25	.04	T					.08	.04								T	T			.02	T								D.07		
MANDAN FT LINCOLN PARK		.42	.09	.02					.18	.04												.04	T							.03	.02	T	
MARMARTH		.73	.12	.40	T				.05	T							.10	.06				T									T		
MAX		.39							.30	.06							T	.03	T			T	T				T				T		
MAYVILLE		.43	.19	.04	T				.08	.03				T	T	.01		T			T	.05	T		.01		.02		T	T			
MC CLUSKY		.28							.18	.03												.03					.01				.03		
MC HENRY 5 N		.55	.02	.09					.27	.01	T					.01					T	.01	.03		.03		.07	T	T		.01		
MC LEOD 3 E		D .96	.25	.36					.06	T						.06	.04				T	D.05			.10		.02				.02		
MC VILLE		.45	T	.07					.23	.01						.02	T			T	T	.06	T		T	T	.06						
MEDINA		.35	.20						.15																								
MEDORA 3 NNE		.87	.16	.01	.02				.05	.08						T	.43					.07			T				T	.05			
MEDORA 23 NNW		.63		.05					.10	T							.25	T				.16							T		.07		
MINOT CAA AP		.34		T	T			.09	.11	.02	T				T	T	.02	.02	.01	.01	T	T	T			T	.04	T	T	.02			
MINOT EXP STATION		.53							.33	.07	T						.02	.02	T	.01		T	T				.07		T		.01		
MOFFIT 4 SE		.33	.12	.03			T		.12	.01						T	T	T	T	T	T	T	T		T					T	.05		
MOHALL		.25							.16	T							T	T	.05	T		T	T			T	.04		T				
MONTPELIER		.94	.68	.09					.08	T	T					.01		T			T	.01	T		.03		.02				.02		
MOTT		.76	.25	T	T	T			.04	.01						T	.43	T			T	T			T					T	.03		
MUNICH 4 SW		.44							.15	T						.04	.03		T	.03		.05	.05		.04	.01	.04	T	T				
NAPOLEON		.96	.32	.15					.24	.08						T		.01	T		.05		T		T					.03	.08		
NEW ENGLAND		1.15	.25						T	T						.07	.65	.05				T								.05	.08		
NEW ROCKFORD 7 WNW		.60							.28	.10						T	T		T	T		.06	T		.03	T	.10	T	T	.03			

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW SALEM 1 S	.18	.06	T							T	T					T		.02			T	.03	.01	T					T	.06		
NEWTOWN	.25							.16	T								.09				T	T	T				T		T			
NOONAN	.57							.34								.14	T	.04									.05					
NORTONVILLE	.96	.67						.24	T																				.05			
OAKES	.93	.04	.77	T				.03	.02	T					T	T	T				T	.02		T	T					.05		
PARK RIVER	.19		.05					.07	.02						T				T	T	.03				T	.02	T					
PARSHALL	.30							.22	T						T	.01	.02	T	.01		.03							T	T	.01		
PEMBINA 2 N	.49							*	.30					T	.04						.04					.11						
PETERSBURG	.36	T	.09					.15	.02						T					T	.07			T	T	.03						
PETTIBONE	.34	T	.07					.21	.04								T							.02		T				T		
PORTAL	.26							.18	T							T	T		.08		T			T		T		T				
POWERS LAKE 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRETTY ROCK	.74	.35	.03	.01	.02		T	.03		T					T	.10	.20	T	T	T									T			
RAUB 10 SSW	-							-	-						T	T					T						T		T			
REEDER	1.20	.31	.03													.72	.06	T											.05	.03		
REEDER 14 N	.87	.18	.12				.05	T								.48	.04								T			T		T		
RICHARDTON ABBEY	.66	.07	T			T		.14	T						.01	.24	.07	T	T	T	.08			T	.02			T	.03	T		
RIVERDALE	.22		T					.20	T	T						T	T	T	T		T	T			T					.02		
ROLLA	.36				T			.15	T					T	T	T			.05			.04				.12		T				
RUGBY	.35							.15	T							T		T	.01	.01	.02			.02	T	.14	T	T	T			
RYDER	.28	T						.25						T					T	T							.03		T			
SAN HAVEN	.19							.03	.02								T	T	.02	T	T			.03	.02	.07		T				
SELFRIDGE 11 W	.55	.05				.05		.05									.25			.10									.05			
SENTINEL BUTTE 20 S	.85	.35	T	.11				.12								.23					.04						T					
SHARON	.53	.02	.16					.28						T	T						.04				.03					T		
SHERWOOD 3 N	.41							.11						T		.04	.07	.04							T	.12	.03	T				
SHIELDS	.36	.23		.03				.10							T	T	T				T	T							T			
STANLEY	.34							.24	.02								.03	T	.01		.02			T		.02	T					
STEELE	.49	.13	.06					.20	.02						T		.02	T		T	.02	T		T					.04			
SYKESTON	.54							.34	T						T				T		T			.10		.10						
TAGUS	.17							.15						T	T	T	T	T	T	T						.02						
TIOGA 1 E	.44							.15	.10							.09	.09		T			T		T		.01		T				
TOLLEY	.25							.15	.02									.08			T					T			T			
TOWNER	.52							T	.26							T			T		T	T				.26						
TROTTERS 6 SE	.71	.29	.06	T				.09							.10						.06		T			T		.03	.08			
TURTLE LAKE	.29							.20							T	.02	.02	T						T					.05			
TUTTLE	.17		T						.10	.05									T	T	T	T	T							.02		
UNDERWOOD	.28							.24										.03			.01								T		T	
UPHAM 3 N	.31							.16	T						.02	.04	T		T	T	.02			T	T	.07		T				
VALLEY CITY	.97	.40	.27					.12	.01	T					T				T	T	T	.03	T	.02		.09		.03				
VELVA	.54							.30	.08							T	.03	T			T	T				.09				.04		
VERONA	.85	.61	.18					.04													T			.02								
WAHPETON STATE SCHOOL	1.00	.25	.45					.03	.03					T	T						.02	.04		.07						.11		
WALHALLA	.42							.30	T					T						T	T					.05		.07				
WARWICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHBURN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WATAUGA S DAK 8 N	.88	.08		.06												.60	.14				T			T					T			
WATFORD CITY	1.12							.24								.52	.10				.18			.03			.05					
WATFORD CITY 14 S	1.14							.30	.10						T	.30	.30			.02	.06				T				.06			
WESTHOPE	.19							.10							T	T					T		T		T	.09		T				
WILDROSE	.61							.29								.26												.06				
WILLISTON WB CITY R//	.84	.03	T				.14	.07	T						.05	.37	.09	T		.03	.04		T	.01			.01		T	T		
WILLISTON EXP FARM	1.01							.15	.14						T	.59	.10										.03					
WILLOW CITY	.27							.15	T						.01	T	T		T	T	T		.01		T	.10			T			
WILTON	.30		.12					.15									.01							T					.02			
WISHEK	.76	.13	.45		T			.05	T	T					T	T	T	T	T		T	.05	T							.08		
WOODWORTH	.50	.04	.02					.31	T						T	.04	T				.02			.04		.02				.01		
ZAHL	1.06	T						.16	T						.37	.21	.25	T		T	.05	T	T	T			T	.02				

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	53	33	33	36	43	50	37	27	38	52	56	53	52	42	36	32	35	35	29	27	26	40	49	43	50	48	38	37	28	46		40.1
	MIN	32	28	26	22	27	28	24	16	16	22	21	32	31	31	29	28	27	26	20	19	12	16	31	13	27	31	26	27	8	8		23.5
AMENIA	MAX	54	36	36	37	37	47	38	30	32	50	53	42	35	43	40	38	30	31	33	34	27	32	41	34	30	39	37	35	31	31		37.1
	MIN	35	30	29	21	31	28	30	17	10	15	25	28	25	28	31	26	25	22	18	25	20	12	31	6	20	25	24	25	4			23.0
AMIDON	MAX				30	31	42	49	31	30	39	56	53	51	51	35	35	35	33	34	31	29	27	38	45	50	51	49	38	37	36		39.5
	MIN	34			19	20	22	28	15	10	24	31	28	27	24	29	21	22	25	14	20	9	10	24	23	21	30	20	23	11	13		21.3
ARVILLA STATE PARK	MAX	49	36	32	37	39	51	39	31	29	39	46	47	46	47	38	39	35	33	32	30	31	29	40	30	29	42	36	36	32	20		36.7
	MIN	34	27	25	13	25	25	25	11	7	1	20	23	22	22	29	28	21	19	11	14	16	7	11	0	14	14	20	14	-1	-4		16.4
ASHLEY	MAX	52	33	32	35	43	50	39	27	39	52	54	55	56	38	38	31	30	35	37	29	24	40	48	41	47	48	35	39	31	39		39.9
	MIN	31	27	23	22	23	25	24	15	10	19	21	25	21	28	31	26	24	24	21	18	16	13	36	10	25	26	25	18	1	3		21.0
BEACH	MAX	58	39	28	32	31	39	47	31	25	40	51	44	50	54	36	37	36	37	41	32	28	31	43	50	51	50	50	40	37	30		39.9
	MIN	35	26	24	24	24	26	29	17	10	15	23	30	26	29	29	27	24	27	21	23	11	8	21	21	28	30	21	21	12	13		22.5
BELCOURT INDIAN RES	MAX	48	30	37	37	41	45	40	23	30	35	48	50	41	32	33	29	27	30	30	27	22	30	39	25	25	40	35	36	30	25		34.0
	MIN	25	25	20	16	29	23	23	14	2	10	16	21	24	26	28	21	22	18	25	19	15	6	25	-1	16	17	19	13	-4	-3		17.0
BELFIELD	MAX	47	34	28	31	41	49	33	24	41	53	49	53	53	36	37	36	34	36	32	28	24	38	48	51	47	48	41	35	28	45		39.3
	MIN	34	27	22	22	22	25	23	18	10	26	25	29	23	30	33	26	26	22	15	24	10	18	33	20	30	32	22	22	9	18		23.2
BEULAH	MAX	56	46	33	33	40	48	52	34	24	36	49	54	55	51	38	38	33	38	40	27	26	25	43	44	42	51	51	39	36	20		40.1
	MIN	35	27	26	13	19	19	21	17	10	12	19	17	18	18	29	24	25	25	12	12	15	10	13	14	19	22	21	23	4	2		18.0
BISBEE	MAX	49	33	36	38	43	46	40		27	38	44	49	36	35	32	31	30	31	31	29	25	32	36	26	28	38	36	32	30	27		34.8
	MIN	32	27	23	15	29	20	25	12	8	9	21	26	26	27	29	24	23	25	25	21	19	10	21	6	18	12	20	18	-4	0		18.9
BISMARCK WB AP	MAX	50	33	36	39	48	52	39	26	37	50	53	55	53	39	36	33	35	36	29	28	25	45	47	38	50	49	39	38	21	44		40.1
	MIN	32	29	28	23	26	24	25	15	14	19	20	28	22	31	31	28	29	24	16	23	18	16	22	14	25	22	22	20	4	6		21.9
BOTTINEAU	MAX	57	38	31	35	38	43	46	31	26	32	38	44	48	31	36	36	29		35	29	27	24	38	36	26	30	39	26	32	14		34.3
	MIN	28	26	25	15	21	20	25	15	8	13	18	21	18	26	30	24	24	23	25	22	12	4	10	4	12	15	21	10	-7	-4		16.8
BOWBELLS	MAX	46	32	36	36	45	46	40	25	25	38	41	42	36	32	33	41	30	36	33	24	24	37	40	35	42	44	35	33	28	40		35.8
	MIN	29	26	24	18	27	26	25	16	8	16	22	26	24	26	29	24	23	23	12	19	7	12	31	11	21	30	22	18	-2	7		20.0
BOWMAN COURT HOUSE	MAX	51	36	29	29	38	48	39	29	41	55	55	51	51	45	34	34	33	34	33	29	28	39	49	52	51	51	40	37	30	46		40.6
	MIN	34	24	22	19	19	23	23	16	11	25	26	29	24	25	29	15	16	24	12	19	10	14	32	20	30	19	22	22	15	15		21.1
BUTTE	MAX	60	41	31	32	39	46	50	31	21	34	38	48	50		35	35	28	33	33	34	27	25	43	40	35	40			33	25		36.6
	MIN	35	28	27	19	20	26	26	18	11	12	21	26	23	25	29	26	21	27	26	19	15	14	18	9	16			23	-2	-2		19.9
CARRINGTON	MAX	59	40	33	32	38	45	49	32	24	28	41	48	52	32	36	33	29	32	33	31	27	24	41	39	32	36	45	31	33	19		35.8
	MIN	37	27	27	18	19	28	27	15	10	13	15	27	24	26	30	25	25	23	23	21	19	10	10	8	13	18	23	20	1	1		19.4
CARSON NO 2	MAX	60	40	32	32	38	42	50	32	25	40	52	58	55	53	37	35	31	32	36	30	27		42	51	44	50	49	38	37	24		40.4
	MIN	38	28	26	22	26	24	29	16	10	10	25	24	25	30	31	29	27	25	14	23	11	12	13	14	20	30	29	21	10	9		21.7
CAVALIER	MAX	54	36	40	42	45	48	46	26	29	37	40	46	35	38	38	31	30	33	30	29	26	26	41	25	27	39	35	34	29	22		35.2
	MIN	34	29	28	17	30	28	26	16	9	5	24	26	26	30	30	24	24	21	19	22	16	10	19	3	15	18	17	15	-1	2		19.4
CENTER	MAX	50	38	34	39	46	51	41	27	33	45	58	55	55	40	35	35	36		33	27	24	38	48	40	50	51	41	38	31	40		40.7
	MIN	35	28	25	16	26	21	21	18	11	13	18	22	18	29	30	25	27		12	19	14	18	33	10	22	23	21	21	5	3		20.1
COOPERSTOWN	MAX	54	34	33	35	38	49	45	27	30	40	49	51	40	40	37	31	28	34	32	30	25	33	39	35	35							37.0
	MIN	32	27	27	18	31	27	25	15	9	14	25	27	23	26	30	24	24	21	22	21	17	8	31	7	20	18	22	9	0			20.7
CROSBY	MAX	42	31	33	38	42	44	36	26	25	35	36	42	36	34	34	32	32	39	20	26	27	38	39	38	44	42	35	33	26	40		34.8
	MIN	30	28	26	21	22	26	24	12	11	10	24	22	22	28	31	24	23	17	6	18	5	5	25	12	24	24	24	22	-1	0		18.8
DEVILS LAKE WB CITY	MAX	40	31	34	40	45	48	37	20	27	38	50	47	31	35	34	27	31	31	31	27	24	38	39	26	29	46	33	30	17	30		33.9
	MIN	30	28	21	19	32	29	20	10	9	16	26	28	24	28	27	25	25	28	25	22	17	11	13	8	16	19	20	17	-1	5		19.9
DICKINSON CAA AP	MAX	44	30	31	34	44	51	33	25	42	57	53	52	52	37	35	36	33	35	31	26	24	38	45	47	46	49	39	34	23	45		39.0
	MIN	28	27	20	20	23	25	20	15	13	23	25	30	26	29	31	27	26	17	16	13	10	17	24	19	31	31	26	20	10	19		22.0
DICKINSON EXP STATION	MAX	60		32	32	36	45	51	33	26	42	58	52	54	54	37	35	37	34	36	32	24	26	40	45	46	46	49	40	35	24		40.0
	MIN	37	28	27	17	23	18	21	19	12	12	21	22	21	24	31	30	27	28	11	22	11	11	21	18	25	28	28	25	10	10		21.3
DRAKE	MAX	61	40	39	33	40	47	51	30	24	31		48	49	30	35	33	29	33	34	25	29	25	42	41	33	42	48	35	31	20		36.5
	MIN	35	29	21	17	20	20	25	18	9	15		23	24	26	30	26	26	28	21	21	17	12	14	10	24	24	25	23	0	-1		20.1
DUNN CENTER 2 SW	MAX	56	41	32	34	38	46	48	32	25	32	48	50	49	50	36	36	32	35	37	28	26	28	43	46	43	49	46	38	33	24		38.7
	MIN	39	30	28	21	24	24	29	20	16	20	25	28	25	27	29	27	27	29	19	21	13	13	25	16	23	30	26	26	7	9		23.2
ECKMAN 2 SE	MAX	57	39	32	37	39	42	49	31	27	39	41	48	30	34	33	35	29	31	36	25	28	27	42	40	30	35	42	33	31	15		35.2
	MIN	30	28	26	17	23	25	25	18	11	15	24	24	27	28	26	24	25	24	20	20	12	12	17	9	9	18	17	18	-1	1		19.1
EDGELEY EXP FARM	MAX	62	40	32	31	37	42	51	34	24	39	46	50	57	49	39	34	31	29	34	38	28	27	44	46	32	37	49	37	42	23		38.8
	MIN	39	28	27	22	24	26	30	18	11	15	17	26	27	28	32	27	25	23	22	20	21	12	14	10	11	25	25	20	2	2		21.0
EDMORE 1 W	MAX	47	35	37	41	42	47	42	26	27	37	49	49	41	34	35	32	29	31	31	31	26	29	38	32	26	43	38	31	31	27		35.5
	MIN	33	27	26	17	31	25		15	5	7	20	25	22	28	29	24	23	24	25	24	15	5	28	4	17	15	20	20	-1	1		19.1
ELLENDALE	MAX	51	34	32	39	43	55	43	30	41	49	52	47	56	40	40	32	31	34	41	30	27	42	46	36	41	46	43	42	31	37		40.4
	MIN	33	30	28	26	29	25	29	20	11	14	24	25	29	28	31	28	25	24	24	21	16	13	34	10	23	23	26	16	4	3		22.4
ENDERLIN	MAX	62	43	33	33	39	38	49	35	21	36	51	52	48	38	41	35	29	29	32	35	29	26	42	42	28	32	43	31	41	27		37.3
	MIN	41	31	30	22	24	29	28	20	12	11	25	28	26	26	32	27	25	23	20	23	23	8	9	9	12	20	25	20	5	2		21.2
FAIRFIELD	MAX	48	31	32	34	43	47	39	24	35	45	45	49	49	37	34	32	32	34	30	28	25	42	46	45	49	47	36	33	22	42		37.8
	MIN	30	26	24	21	23	27	22	13	14	20	33	32	32	27	31	25	25	20	9	16	5		25	18	19	14	15	20	5	5		20.6
FARGO WB AP	MAX	47	34	35	39	38	47	35	25	30	46	54	39	35	45	39	32	30	30	32	28	26	37	41	28	32	39	33	40	32	28		35.9
	MIN	34	32	29	24	30	30	25	14	10	18	31	34	26	32	31	26	25	22	19	22	15	10	16	8	23	24	22	22	4	1		22.0
FESSENDEN	MAX	58	38	36	42	48	54	41	26	39	50	54	58	38	37	35	36	32	34	32	29	26	41	42	34	40	46	38	34	30	35		39.4
	MIN	34	20	20	18	30	27	25	15	7	15	28	28	22	25	28	27	25	27	23	21	18	11	33	10	23	26	24	25	0	5		21.3
FORMAN	MAX	51	38	32	42	39	50	43	31	29	45	45	47	50	40	40	32	29	32	38	32	25	35	44	38	38	47	40	40	35	32		38.6
	MIN	38	31	19	27	32	28	28	18	10		32	30	27	28	32	28	24	25	22	23	17	9	35	9	23	24	27	19	5	0		23.1
FORT YATES	MAX	60	41	33	34	39	44	52	39	27	43	51	56	55	54	39	37	33	33	35	34	29	25	48	51	39	49	52	40	40	27		41.3
	MIN	38	29	26	21	22	27	29	22	14	15	17	25	19	20	35	29	28	24	16	16	16	16	16	15	19	28	29	24	8	9		21.7
FOXHOLM 7 N	MAX	52	41	38	39	47	50	45	33		44	43	47	43	34	35	33	33	37	35	26	26	39	42	41	45	46	41	32	30	42		39.3
	MIN	29	27	22	19	22	27	26	7			17	29	23	26	31	22	26	26	17	20	12	12	31	15	12	27	24	18	1	5		20.5
FULLERTON	MAX	58	40	32	37	42	59	38	29	42	48	52	59	52	40	38	31	29	33	39	28	26	40	47	35	39	46	43	39	37	37		40.5
	MIN	40	29	29	26	30	25	29	18	11	14	25	25	25	28	30	27	24	23	24	21	17	10	35	11	23	22	25	18	3	1		22.3
GACKLE	MAX	49	32	32	34	41	47	37	25	32	47	56	53	53	37	37	33	30	33	33	26	29	38	43	36	43	53	36	36	29	36		38.2
	MIN	32	28	26	22	29	27	25	20	12	22	26	27	26	27	28	26	24	24	21	16	13	11	32	14	18	25	24	25	-1	5		21.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	60	44	36	35	39	47	52	31			45	52	53	48		36	35	37	34	25	27	27	44	45	45	49	46	40	36	16		40.1
	MIN	33	25	24	19	21	25	30	19	12	15	21	23	24	26	29	26	28	28	18	18	12	12	18	23	25	27	27	16	0	0		20.8
GRAFTON	MAX	56	39	37	41	42	48	42	28	30	37	40	42	34	41	40	33	30	33	30	30	27	28	41	28	27	40	36	32	32	24		35.6
	MIN	35	29	29	19	32	29	26	15	6	6	21	27	26	30	31	23	24	24	18	22	17	8	25	8	18	18	18	19	1	2		20.2
GRAND FORKS CAA AP	MAX	45	33	32	37	39	49	38	23	28	39	43	36	32	41	36	31	30	31	31	28	27	39	40	23	29	40	32	36	23	24		33.8
	MIN	32	29	25	21	30	28	23	11	6	12	27	29	27	31	29	25	25	19	18	23	15	9	12	6	19	23	20	19	-1	4		19.9
GRAND FORKS UNIVERSITY	MAX	44	32	33	38	39	49	38	24	28	39	43	36	31	42	37	30	30	31	31	28	28	27	40	22	29	40	32	36	27	24		33.6
	MIN	31	27	27	18	30	25	24	11	3	9	24	29	25	28	30	22	23	24	16	21	13	7	19	4	17	20	21	17	-1	1		18.8
GRAND RAPIDS 1 N	MAX	48	34	33	40	39	56	42	28	37	48	52	57	50	48	37	32	30	33	40	30	28	40	44	36	38	48	38	42	33	39		40.0
	MIN	32	29	29	22	30	25	27	18	16	15	26	27	21	21	31	27	19	23	22	23	16	8	19	9	19	21	25	17	2	1		20.7
GRANVILLE	MAX	45	35	40		50	53	43	25	33	39	46	51	36	35	35	33	33	37	32	28	28	41	42	34	44	45	36	32	30	40		38.0
	MIN	31	28	29		29	25	25	12	5	11	21	26	25	27	31	24	28	28	19	22	14	12	27	18	21	25	24	20	0	6		21.1
GRENORA	MAX	49	40	39	41	44	46	37	28	30	40	40	48	45	34	34	34	33	38	28	27	31	38	41	37	50	47	38	37	33	37		38.1
	MIN	32	28	26	19	23	23	24	17	7	16	22	28	24	29	27	25	22	24	5	19	4	12	28	12	22	27	24	23		1		20.4
HANKINSON R R STATION	MAX	52	48	35	33	43	41	51	33	25	38	51	55	49	48	44	38	31	28	29	38	32	29	43	41	29	32	40	34	48	16		38.5
	MIN	43	34	30	27	26	26	27	22	13	12	20	28	29	28	35	28	25	24	18	20	23	13	12	9	9	22	24	18	7	5		21.9
HANNAH	MAX	40	39	38	39	45	45	40	24	27	37	48	51	37	39	39	30	29	30	29	33	24	30	37	23	26	41	32	32	27	25		34.5
	MIN	27	25	22	16	30	26	22	6	5	9	19	24	24	29	27	22	21	19	24	19	12	2	16	2	11	18	13	15	-5	-1		16.6
HANSBORO	MAX	45	32	38	40	46		40	22	27	37	45	56	36	33	35	29	28	32	32	27	25	32	39	27	26	42	34	31	30	28		34.3
	MIN	27	26	24	15	30		21	12	8	11	22	25	24	26	28	23	22	20	23	20	14	7	25	4	14	11	19	18	-4	-2		17.7
HETTINGER	MAX	47	37	30	32	38	50	36	26	43	56	57	53	52	37	34	33	34	36	31	29	24	39	46	45	49	48	39	38	28	46		39.8
	MIN	36	26	26	21	21	23	25	18	13	21	29	29	25	29	31	22	19	20	15	17	8	12	28	20	29	33	26	24	13	15		22.5
HILLSBORO	MAX	54	37	32	37	38	46	42	30	30	43	50	43	35	42	40	30	30	30	32	32	26	28	40	37	31	39	36	35	24	27		35.9
	MIN	37	32	29	21	32	29	30	18	7	15	28	32	25	29	30	26	25	23	19	26	19	12	28	7	21	22	25	22	7	4		22.7
JAMESTOWN CAA AP	MAX	46	32	32	35	44	53	35	23	30	43	50	55	41	39	36	30	30	34	33	27	26	42	43	30	32	45	37	38	29	34		36.8
	MIN	31	29	24	18	28	27	23	13	11	16	25	28	27	28	30	25	25	25	24	23	17	13	20	11	23	22	21	22	3	3		21.2
JAMESTOWN STATE HOSP	MAX	52	32	32	37	41	48	40	25	30	43	48	55	44	37	36	31	29	32	33	27	25	38	43	33	31	47	37	39	31	36		37.1
	MIN	32	29	28	21	30	27	25	17	13	17	27	29	27	28	31	27	25	27	26	23	18	13	33	11	24	23	24	23	3	3		22.8
KENMARE	MAX	55	36	30	35	39	45	50	31	25	31	38	40	43	30	34	34	29	32	36	25	25	26	42	39	37	44	44	35	34	25		35.6
	MIN	29	28	23	20	24	25	29	18	12	12	24	24	22	26	26	25	24	25	14	13	9	9	17	11	22	25	23	20	-1	-1		19.2
KENSAL WILDLIFE REFUGE	MAX	57	34	33	35	45	52	44	28	28	40	49	56	40	40	36	34	30	34	34	28	27	35	42	38	35	46	38	36	33	35		38.1
	MIN	33	28	27	17	32	29	26	15	10	13	24	23	21	21	18	25	20	21	22	22	18	8	34	8	22	20	23	19	2	2		20.1
LANGDON EXP FARM	MAX	51	33	38	38	44	47	41	25	28	36	48	50	39	34	33	29	28	30	29	25	23	27	37	30	24	42	36	33	28	25		34.4
	MIN	28	27	27	16	30	26	25	13	0	8	20	25	24	27	27	22	21	24	23	18	9	2	27	0	11	17	18	16	-4	-1		17.5
LARIMORE	MAX	52	35	34	38	39	51		40	30	39	47	50	38	38	38	38	32	31	32	31	28	30	40	33	27	41	37	32				37.1
	MIN	34	27	29	17	31	28		14	7	6	23	26	25	25	28	31	24	24	17	23	18	9		3	17	17	21	19				20.9
LEEDS	MAX	47	33	35	40	44	50	41	26	29	38	47	48	38	35	35	30	32	32	30	28	25	33	39	29	29	43	39	31	29	30		35.5
	MIN	33	28	27	17	33	27	26	17	7	16	16	27	23	28	30	25	25	26	25	23	19	9	29	7	20	9	21	21	-1	1		20.5
LINTON	MAX	60	40	34	40	45	51	50	32	42	50	51	55	55	44	40	34	32	34	34	30	22	43	49	39	49	49	41	39	32	45		42.0
	MIN	38	29	26	23	25	26	26	15	4	10	19	23	20	21	32	29	27	20	16	18	10	9	39	10	22	19	19	16	-2	0		19.6
LISBON	MAX	57	40	33	40	40	51	51	33	37	53	55	53	49	42	42	34	30	33	38	35	29	36	45	41	33	47	46	39	37	33		41.1
	MIN	40	32	30	25	30	29	24	20	11	16	32	24	21	29	33	28	25	23	21	25	23	10	34	8	20	15	26	17	5	1		22.6
LOSTWOOD 12 N	MAX	49	32	35	36	43	46	39	25	27	37	39	40	35	32	32	30	31	37	33	23	23	35	39	35	42	43	37	32	15	39		34.7
	MIN	28	24	19	16	20	24	22	12	9	16	22	25			30	23	20	24	11	11	4	9	29	6	19	27	20	15	4	5		17.6
MADDOCK AGR SCHOOL	MAX	55	35	33	40	47	52	45	26	29	38	46	49	43	35	35	30	33	33	32	28	25	33	40	32	31	46	38	32	30	33		36.8
	MIN	33	28	27	17	33	27	25	15	7	12	19	29	25	27	30	20	24	24	23	22	17	10	30	9	20	15	23	20	0	4		20.5
MANDAN EXP STATION	MAX	61	44	32	33	37	47	52	34	33	36	51	49	55	52	38	35	32	34	35	29	27	23	44	46	38	50	49	38	38	24		39.9
	MIN	39	28	26	20	25	20	30	20	15	17	21	31	21	26	33	28	27	26	20	20	17	13	21	12	19	26	28	24	4	5		22.1
MANDAN FT LINCOLN PARK	MAX	52	37	37	38	43	52	41	32	38	52	55	51	53	47	35	37	36	34	32	28	23	41	43	48	51	52	44	39	32	44		41.6
	MIN	34	26	24	20	26	24	25	18	9	14	19	24	20	23	25	23	21	23	15	15	14	12		16	23	24	25	19	0	9		19.7
MARMARTH	MAX	60	39	29	30	32	41	50	32	29	43	56	51	52	51	37	37	37	39	41	35	29	34	44	56	56	55	51	41	38	33		41.9
	MIN	32	28	25	24	22	21	26	20	9	9	20	22	21	20	24	22	21	28	22	24	14	15	15	21	30	27	24	21	21	14		21.4
MAX	MAX	59	41	30	35	38	44	51	32	22	29	41	49	51	39	34	34	30	33	37	25	25	25	41	39	36	45	47	34	33	20		36.6
	MIN	36	27	25	16	25	24	25	19	10	13	18	22	23	24	28	25	25	26	19	16	12	11	12	10	16	25	24	20	0	0		19.2
MAYVILLE	MAX	55	33	32	37	36	49	45	29	39	43	49	39	35	39	38	33	30	29	32	32	26	29	40	34	24	38	34	39	27	22		35.6
	MIN	33	28	28	20	32	29	29	17	6	16	27	31	26	29	33	25	25	23	16	24	20	12	29	6	16	21	24	23	6	2		21.9
MC CLUSKY	MAX	50	33	32	40	46	50	40	24	30	40	50	51	45	35	35	29	33	34	29	26	24	39	42	35	39	48	40	35	33	37		37.5
	MIN	33	26	21	16	29	24	24	15	10	16	22	28	22	27	29	24	26	24	18	17	14	12	32	10	24	26	23	21	-2	5		20.5
MC HENRY 5 N	MAX	45	32	32	37	44	50	38	25	27	35	45	49	34	35	35	29	30	33	31	29	25	33	39	30	28	42	35	32	29	31		34.6
	MIN	32	27	26	13	31	24	25	14	4	12	20	24	22	26	29	24	24	21	23	21	15	5	30	5	18	15	20	18	-2	-2		18.8
MC LEOD 3 E	MAX	52	39	34	45	40	50	41	36		46	48	43	55	43	42	33	28	32	32	32	26	32	44	37	33	40	38	42	32	31		38.8
	MIN	38	31	30	23	27	26	24	18	12	12	34	25	28	28	32	27	24	22	15	25	18	9	28	7	23	20	18	17	2	-5		21.3
MC VILLE	MAX	49	33	32	37	41	50	39	26	29	38	46	50	39	35	36	31	29	32	31	28	25	34	39	32	28	43	35	32	30	30		35.3
	MIN	32	27	26	15	31	28	24	13	4	10	21	22	22	27	29	23	23	21	21	21	15	8	31	5	15	10	18	20	0	1		18.8
MEDORA 3 NNE	MAX	54	39	32	35	46	49	35	28	39	52	48	53	53	46	38	35	36	39	35	34	33	42	52	53	50	52	42	38	32	48		42.3
	MIN	33	28	27	17	22	20	25	20	6	14	18	20	19	25	32	25	27	29	12	22	13	15	34	21	26	26	24	25	11	23		22.0
MINOT CAA AP	MAX	38	31	36	39	46	51	32	24	27	40	45	47	30	34	34	29	32	36	28	26	27	42	44	35	48	46	34	32	16	41		35.7
	MIN	29	27	21	21	27	29	22	12	17	16	27	28	25	28	28	25	27	27	19	20	14	16	16	12	22	27	23	12	1	11		21.0
MINOT EXP STATION	MAX	57	39	30	34	38	45	50	30	23	29	37	43	45	30	34	34	29	33	36	24	26	25	41	39	35	43	41	33	32	23		35.3
	MIN	33	27	25	19	26	27	27	19	9	14	24	25	24	24	27	24	25	28	19	19	13	13	20	11	20	27	24	22	0	1		20.5
MOFFIT 4 SE	MAX	55	35	34	39	45	49	43	30	35	48	57	56	55	42	39	34	32	34	34	28	25	41	46	37	48	49	41	39	33	39		40.7
	MIN	34	29	26	21	26	21	27	20	6	15	21	23	18	29	32	26	27	20	11	18	17	10	35	8	22	21	26	17	3	6		20.5
MOHALL	MAX	41	32	36	38	45	43	36	27	30	40	38	45	35	33	34	31	30	34	33	24	27	39	43	32	42	43	36	33	27	40		35.6
	MIN	29	27	24	19	25	27	26	13	13	13	21	25	24	24	30	24	25	25	16	21	11	12	30	9	19	24	21	13	-2	4		19.7
MOTT	MAX	50	40	32	38	43	51	40	29	44	58	59	55	49	40	36	34	35	37	32	32	25	39	51	48	49	52	42	37	31	47		41.8
	MIN	37	27	26	24	21	18	27	17	9	18	17	22	17	26	31	28	28	25	14	21	11	10	31	13	23	21	26	16	11	6		20.7
MUNICH 4 SW	MAX	45	32	38	40	44	45	36	23	28	36	44	49	36	34	35	31	29	32	30	29	27	29	36	27	27	40	33	31	29	25		34.0
	MIN	26	24	24		29	22	20	12	0	12	17	29	21	25	27	21	20	21	19	17	9	1	25	1	7	13	17	13	-6	-6		15.9

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1957

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON	MAX	49	33	32	37	44	49	35	28	34	46	55	53	56	40	38	32	31	33	30	28	25	38	43	35	45	50	41	38	31	36		38.8
	MIN	33	28	25	25	30	26	27	15	10	16	25	28	23	28	31	26	26	26	23	19	15	11	33	12	24	29	25	21	0	7		22.2
NEW ENGLAND	MAX	50	35	32	34	42	48	34	25	42	56	55	53	51	37	35	33	33	35	31	30	26	39	45	48	49	48	40	36	25	46		39.8
	MIN	34	29	25	24	20	21	23	18	9	17	19	27	20	26	31	27	24	26	11	19	11	15	32	18	26	28	26	23	10	15		21.8
NEW SALEM 1 S	MAX	53	33	33	38	35	42	52	35	36	40	51	57	54	53	37	36	32	35	28	27	23	40	47	41	53	50	39	36		46		40.8
	MIN	32	23	25	19	22	25	24	14	13	13	15	28	20	27	29	30	25	26	17	18	13	14	29	13	28	32	26	23		13		21.9
NEWTOWN	MAX	48	34	35	39	49	55	45	27	33	45	43	50	48	35	36	34	34	41	30	28	26	40	44	38	47	46	39	36	31	43		39.3
	MIN	34	29	24	18	27	26	27	16	16	20	22	23	22	22	21	21	26	28	15	18	12	15	35	15	26	24	26	23	2	9		21.4
OAKES	MAX	56	42	32	30	34	34		34	24	40	50	52	49	53	41	35	31	29	33	39	29	26	44	45	31	38	46	29	39	20		37.4
	MIN	40	30	28	26	27	27	28	18	10	14	16	28	22	23	32	27	21	23	23	27	23	10	11	9	16	22	27	16	5	-1		20.9
PARK RIVER	MAX	56	37	35	40	43	49	45	25	29	38	45	53	45	36	36	31	29	33	31	30	26	29	40	33	26	48	38	34	34	25		36.6
	MIN	35	28	28	21	33	29	25	16	6	11	27	27	26	30	31	24	23	23	17	23	17	10	28	5	18	16	20	20		3		21.4
PARSHALL	MAX	48	35	36	40	48	53	41	26	28	41	41	49	41	35	35	34	35	40	36	26	26	40	42	38	48	47	38	36	29	43		38.5
	MIN	33	29	20	15	26	24	25	12	12	15	19	21	21	29	32	25	26	28	15	18	13	11	33	11	24	23	25	21	0	9		20.5
PEMBINA 2 N	MAX	58	35	38	38	38	40	40	34	32	33	42	50	35	41	39	31	28	30	29	28	25	25	35	25	26	37	34	33	32	20		34.4
	MIN	32	30	28	19	31	28	21	11	7	8	19	26	28	31	30	23	25	21	20	23	12	9	24	2	18	21	12	15	-6	0		18.9
PETERSBURG	MAX	46	34	31	38	39	48	39	25	27	37	47	48	36	36	36	30	28	30	30	29	24	32	38	26	25	43	33	31	29	28		34.1
	MIN	34	27	27	19	31	29	25	15	6	9	23	29	25	28	29	23	23	22	19	21	19	8	26	5	16	18	20	19	0	4		20.0
PETTIBONE	MAX	53	35	31	35	45	50	43	27	29	42	51	56	49	34	35	30	30	33	31	26	24	36	41	37	41	47	37	37	33	35		37.8
	MIN	33	26	25	16	31	22	24	11	5	15	24	26	23	26	28	24	24	22	21	19	16	9	34	8	22	23	22	18	-1	0		19.9
PORTAL	MAX	52	41	37	34	37	43	44	27	25	28	40	41	41	30	33	33	34	30	38	24	24	25	43	39	34	42	41	32	35	23		35.0
	MIN	28	25	24	19	22	25	25	16	2	12	•20	22	22	25	26	24	23	21	9	12	4	4	19	10	19	22	20	10	-3	-1		16.9
POWERS LAKE 1 N	MAX																																
	MIN																																
RAUB 10 SSW	MAX	43	37	34	40	47	51	37	25	29	46	59	53	47	42	36	35	36	42	35	30	27	43	46	43	49	49	42	40	32	45		40.7
	MIN	35	29	23	21	26	27	23	13	13	18	31	31	29	31	31	27	26	29	18	22	16	15	23	15	27	32	27	22	1	14		23.2
RICHARDTON ABBEY	MAX	52	36	31	35	42	48	41	26	39	54	57	52	48	45	35	34	34	35	31	29	25	38	49	45	49	50	40	35	31	45		40.4
	MIN	35	27	26	18	23	25	25	16	14	21	30	30	25	29	32	28	27	28	17	18	11	17	33	14	29	30	28	25	8	16		23.5
RIVERDALE	MAX	58	43	32	33	40	42	50	33	28	31	46	51	52	50	36	36	30	34	37	26	27	30	45	42	40	46	49	36	31	22		38.5
	MIN	37	28	25	18	27	26	29	21	12	15	22	23	22	25	29	26	25	26	20	18	17	13	17	13	18	27	27	22	5	7		21.3
ROLLA	MAX	39	31	40	38	43	45	39	24	28	35	48	50	35	33	34	29	29	31	30	27	28	31	40	25	27	39	34	35	30	25		34.1
	MIN	30	25	24	19	20	25	21	14	10	13	21	25	25	26	28	22	21	21	25	19	16	8	23	6	11	17	20	1.7	-2	-1		18.3
RUGBY	MAX	50	34	35	39	45	49	45	27	31	38	44	48	41	34	34	31	31	33	31	28	25	34	40	31	31	43	39	29	29	32		36.0
	MIN	33	28	26	17	28	26	26	18	8	17	20	26	21	26	31	23	26	27	21	23	16	10	31	8	18	17	22	21	-2	4		20.5
SAN HAVEN	MAX	45	30	38	38	41	46	40	24	32	36	46	49	39	33	33	29	27	32	30	27	23	30	38	27	26	39	33	34	30	24		34.0
	MIN	30	26	24	18	29	23	24	15	8	16	16	27	24	26	29	22	23	21	25	21	16	8	27	4	15	19	20	11	-4	0		18.8
SHARON	MAX	50	33	32	34	37	49	38	25	29	39	49	50	36	36	36	30	28	32	34	30	25	28	32	39	31	43	36	34	29	29		35.1
	MIN	32	27	27	17	30	27	22	12	5	12	26	28	24	27	29	23	22	20	24	21	15	16			15	16	21	18	0	1		19.9
STANLEY	MAX	49	30	35	38	44	42	35	22	25	39	41	45	35	33	34	31	32	39	29	24	23	38	40	37	43	45	35	33	26	41		35.4
	MIN	29	26	24	18	23	24	22	13	12	15	23	24	22	22	29	23	23	26	11	18	8	12	28	12	24	27	24	21	-1	12		19.8
STEELE	MAX	55	34	32	36	45	47	43		32	46	57	57	56	45	36	32	30	33	31	28	25	39	44	37	38	47	43		30	40		39.9
	MIN	33	27	26	22	30	22	27	17	8	15	24	29	24	27	31	26	27	27	20	18	16	11	37	9	24	23	25		-1	6		21.7
TIOGA 1 E	MAX	55	38	36	34	37	45	50	30	21	29	38	40	44	38	34	35	32	32	37	25	24	24	38	39	37	43	42	36	33	20		35.5
	MIN	32	28	25	17	18	22	24	14	7	7	19	23	22	24	29	24	24	27	11	9	8	4	18	12	22	29	23	21	-3	5		18.2
TOWNER	MAX	51	35	37	43	48	52	35	28	33	38	41	48	37	35	35	34	32	37	32	28	28	35	42	37	39	41	37	31	28	38		37.2
	MIN	33	29	25	16	28	29	28	16	8	17	27	25	27	28	31	30	30	27	24	23	8	14	20	8	29	28	15	19	18	-1		22.0
TURTLE LAKE	MAX	50	36	32	38	43	51	42	26	29	41	50	52	48	37	37	32	37	37	28	27	25	40	44	37	46	50	40	35	22	41		38.4
	MIN	34	26	20	23	19	16	23	16	10	15	22	26	21	27	25	24	24	22	16	16	13	12	32	9	25	26	24	20	-3	7		19.7
UNDERWOOD	MAX	65	43	31	37	39	37	51	35	31	33	40	52	53	49	36	35	35	34	37	25	26	27	44	42	38	46	50	36	37	20		38.8
	MIN	38	26	16	22	24	24	21	18	12	12	21	18	26	25	28	25	26	26	18	16	15	13	17	10	17	25	25	22	0	-2		19.5
UPHAM 3 N	MAX	53	36	37	39	47	50	41	28	33	38	45	50	33	35	35	32	32	37	34	28	25	36	41	32	36	42	37	30	30	37		37.0
	MIN	28	28	25	17	25	23	27	14	6	11	17	21	25	28	31	25	26	27	21	23	9	6	32	5	14	14	22	12	-3	-1		18.6
VALLEY CITY	MAX	57	35	33	36	37	45	43	30	30	45	48	50	44	39	38	33	29	35	33	33	26	36	42		31	44	41	31	34	35		37.7
	MIN	35	30	30	21	29	28	29	18	10	14	27	28	22	28	28	28	25	25	25	23	22				24	25		9		10		23.7
VELVA	MAX	60	42	31	36	40	48	52	32	33	33	40	46	49	30	35	34	31	34	37	25	27	28	44	41	36	45	46	36	33	23		37.6
	MIN	32	28	27	18	23	29	29	20	11	14	21	21	22	24	28	27	26	29	19	21	16	15	16	9	20	26	26	25	0	0		20.7
WAHPETON STATE SCHOOL	MAX	50	42	34	47	39	51	44	32	35	59	54	48	52	46	44	34	28	30	34	31	27	32	42	38	33	37	36	45	35	30		39.6
	MIN	41	33	31	25	29	28	27	18	9	18	31	34	30	34	33	26	24	24	16	23	21	9	29	6	24	21	26	21	4	0		23.2
WASHBURN	MAX																																
	MIN																																
WATFORD CITY	MAX	49	35	36	40	49	51	42	26	37	47	44	52	49	37	36	35	35	42	29	28	29	39	43	42	50	45	41	36	30	42		39.9
	MIN	34	28	27	20	25	25	24	18	15	18	26	30	26	30	32	28	29	28	18	20	7	13	29	18	29	30	28	25	6	20		23.5
WATFORD CITY 14 S	MAX	56	39	37	40	50	50	47	27	38	44	50	53	52	48	36	36	40	42	40	30	30	42	47	45	53	49	44	37	32	47		42.7
	MIN	38	29	28	17	22	24	26	19	10	20	20	22	21	31	28	30	22	30	17	21	11	14	33	18	28	29	28	27	9	12		22.8
WESTHOPE	MAX	37	32	37	39	43	49	38	25	31	38	46	46	30	36	35	30	30	35	30	27	27	40	40	27	32	38	32	30	12	33		34.2
	MIN	27	25	20	18	24	23	22	10	11	15	19	23	24	26	28	24	21	27	21	21	10	10	16	6	12	17	19	12	-6	0		17.5
WILLISTON WB CITY	MAX	39	33	34	39	46	50	35	27	35	46	42	50	46	36	36	32	34	42	28	29	31	43	42	41	51	45	42	35	28	46		38.8
	MIN	30	29	26	24	26	26	25	20	15	24	27	27	26	33	32	27	29	22	16	14	10	20	20	19	30	31	26	14	6	22		23.2
WILLISTON EXP FARM	MAX	46	31	34	38	50	48			32	45			49	36	33	36	32	38	28	26	28	38	39	38	47	42	38	34	27	44		37.6
	MIN	30	27	25	18	24	24	24	17	11	18			24	28	30	25	25	26	10	18	4	15	29	16	27	30	24	24	5	16		21.2
WILLOW CITY	MAX	48	34	36	38	44	50	40	27	34	38	46	48	36	35	35	32	31	34	31	29	25	35	40	29	33	42	36	29	27	33		35.8
	MIN	26	27	25	16	27	20	24	14	7	13	15	19	18	27	30	19	26	26	23	22	13	8	26	6	13	8	17	17	-4	-4		17.5
WILTON	MAX	51	35	30	37	45	50	41	32	30	38	45	52	50	43	35	31	32	33	30	25	21	35	41	36	46	47	40	35	30	38		37.8
	MIN	31	23	21	16	26	22	20	12	7	10	26	30	22	25	27	22	23	23	14	14	12	9	20	8	23	23	22	16	15	5		18.9
WISHEK	MAX	60	40	32	30	38	42	49	33	23	35	48	56	52	56	38	34	30	28	34	34	28	23	43	47	34	46	49	36	37	20		38.5
	MIN	36	26	22	23	24	27	24	19	7	17	21	25	19	27	33	26	26	25	22	18	17	9	14	10	17	17	17	17	1	1		19.6

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL							.5	T								.3	T		.3	.6			T					T			
	SN ON GND							1	1												1			T					T			
AMENIA	SNOWFALL		T						T												T											
	SN ON GND		T	T					T	T											T	T	T									
AMIDON	SNOWFALL					T	T	T	1.0	T						4.0	2.0				.2	T				T		.2		1.0	.3	
	SN ON GND							T	1							4	6	6	5	5	5	4	3	1	1	T		T		1	1	
ASHLEY	SNOWFALL	T			T			T	T								T	T	T		T	T								T		
	SN ON GND	T	T		T			T	T	T							T	T	T		T	T								T		
BEACH	SNOWFALL		T	T		T		.8	T	T						T	T	T			1.0	1.5			T			T		1.0		
	SN ON GND		T	T	T	T		1	1	1	T	T				T					1	2	1	T	T			T	T	1	1	
BELCOURT INDIAN RES	SNOWFALL							1.0	T						T	T		T	T	T	T			.5	T	2.0						
	SN ON GND							1	1	1								T	T		T	T	T	1	1	3	2	2	2	2	1	
BEULAH	SNOWFALL							–	–								T				T	T										
	SN ON GND							–	–	–																						
BISMARCK WB AP	SNOWFALL	T	.2			T		.5	.4								T	T		T	.6	T		T	T			T	1.2	T		
	SN ON GND		T					T	T	T							T	T			T	T	T					T		1	1	
BOTTINEAU	SNOWFALL							.5	T	T							T	T	.1	T	.1			T		1.0		T		T		
	SN ON GND							T	T	T	T	T					T	T	T	T	T	T	T			1	1	T	T	T	T	
BOWBELLS	SNOWFALL							–								T		1.0		T	T	T										
	SN ON GND							–	–	–	–	–	–					1	1	1	1	1	T	T	T	T	T	T	T	T	T	
BUTTE	SNOWFALL							–		T						T	T				T									–		
	SN ON GND							2	2	2	2																			1	1	
CARSON ND 2	SNOWFALL																–				T											
	SN ON GND																–															
CAVALIER	SNOWFALL		T	T				2.0	.1	T					T	T			T	T	.5			T	T	1.5	T	.5				
	SN ON GND		T					2	2	2	1	1	T	T	T	T	T	T	T	T	1	1	1	1	1	2	2	2	2	2	2	
CENTER	SNOWFALL							1.0									T			.5									.5			
	SN ON GND							1	1	T							T			1	1	T							1	1	T	
CROSBY	SNOWFALL							1.5	T							T	1.5	.5	T	T	T			T	T			T				
	SN ON GND							1	1	1	1	1	T				2	2	2	2	2	2	1	T	T	T						
DEVILS LAKE WB CITY	SNOWFALL	T	T	T	T			2.9	.1	T				T		T	T	T	.1	.1	.5	.1		T	.2	1.8		T	.2	T		
	SN ON GND		T	T				1	3	3	3	2	1	T	T	T	T	T	T	T	T	1	1	T	T	T	2	T	T	T	T	
DICKINSON CAA AP	SNOWFALL	T	T				T	.6	T						.6	2.3	.3			T	.5	T		T			T	T	.4	.2		
	SN ON GND		T	T				T	T	T						2	3	2	1	1	2	2	2	T	T		T	T		T	1	
DUNN CENTER 2 SW	SNOWFALL							.5	.5	.5	T				T	.5	T	T			.5	T			T				T			
	SN ON GND							–	–	–	–					–	–	–	–	–	1	1	1									
EDMORE 1 W	SNOWFALL		T					3.0	T								T	T	T	T	.6			T	T	1.0		T				
	SN ON GND		T					3	3	3	2	1	T					T	T	T	1	1	1	T	T	1	T	T	T	T	T	
FAIRFIELD	SNOWFALL		T					2.0	T							6.0	T			T	2.0	T						T	1.0	T		
	SN ON GND							2	2	2	T					6	6	6	6	6	8	8	4					T	1	1		
FARGO WB AP	SNOWFALL							.2	T	T							T	T	T	T	1.0	T	T			T		T	.4	T		
	SN ON GND								T								T	T	T	T	1	1	1	T						T		
FESSENDEN	SNOWFALL							2.3	1.0							.1						.3				.2			.8			
	SN ON GND							2	3	2	1	T	T	T	T	T						T	T			T	T		1	T	T	
FORMAN	SNOWFALL							T	T													T								1.2		
	SN ON GND																													1		
FORT YATES	SNOWFALL		.2		.4			.1									T				.1	.5										
	SN ON GND		T		T			T									T				T	1	T									
FULLERTON	SNOWFALL																													.3		
	SN ON GND																															
GRAFTON	SNOWFALL		1.0					1.5	–											T	–				.2	.2			T			
	SN ON GND							–	–	–	–	–								T	–	–			–	–						
GRAND FORKS CAA AP	SNOWFALL	T	1.0					2.3	.5	T										T	1.0		T		T	.4		T	T			
	SN ON GND	T	1	T				2	2	2	2	1	T	T							T	1	1	T		T	T			T		
GRAND RAPIDS 1 N	SNOWFALL	.5	2.0					T	T												T					T				1.0		
	SN ON GND	1	2	1	1			T													T					T				1	1	
GRANVILLE	SNOWFALL							1.0	T	T											T					1.0			T	T		
	SN ON GND							1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T			1	T	T	T	T	T	
HANSBORO	SNOWFALL							1.0	T						.3	T			T	T	T				T	T		T				
	SN ON GND							1	1	1	T				T					T	T	T	T		T	T		T	T	T	T	
HETTINGER	SNOWFALL			T					T							–	T												–	–		
	SN ON GND															3	3	3	3	3	2	2	2	1	1	T	T	T	1	1	T	
JAMESTOWN CAA AP	SNOWFALL	T	T					2.0	T	T	T						T	T		T	.1	T				T			.6			
	SN ON GND		T	T	T			T	1	1	1	T	T		T	T	T	T	T		T	T	T				T	T		1	T	
KENSAL WILDLIFE REFUGE	SNOWFALL		2.1					3.0													T					1.0						
	SN ON GND	T	2	2	2	T	T	3	3	3	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	T	T	T	T	T	
LANGDON EXP FARM	SNOWFALL							2.0	.5					T	T				T		1.0	T			.2	.2		.2		T		
	SN ON GND							2	3	3	1	T									1	1	1	1	1	1	T	T	T	T	T	
MAX	SNOWFALL							1.0	.3								.3	T			T	T								T		
	SN ON GND							1	1	1	1	T	T	T	T		T	T	T	T	T	T	T							T	T	
MAYVILLE	SNOWFALL	.1	.5	T				1.0	.4								T			T	.7	T				.3		T	T			
	SN ON GND	T	T	T	T	T		1	1	1	T	T	T	T	T	T	T	T	T	T	1	1	1	T	T	T	T	T	T	T	T	
MC CLUSKY	SNOWFALL							.3	.1												.3									.2		
	SN ON GND							T	T	T	T	T									T	T								T		
MC HENRY 5 N	SNOWFALL	T	1.6					3.2	.1	T										T	T	.5				1.7		T		.1		
	SN ON GND	T	2	2	1			3	3	3	3	1								T	T	1	1			1	T	T	T	T	T	
MINOT CAA AP	SNOWFALL		T	T			T	1.1	1.0	T						T	.2	.1	.1	T	T	T			T	T	T	T	.2			
	SN ON GND							1	1	1	1						T	T	T	T	T	T						T	T			

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL							1.D	T								T	T	T		T	T			T	.5		T				
	SN ON GND							1	1	1	T	T	T				T	T	T	T	T	T			T	T	T	T	T	T	T	
MOTT	SNOWFALL							T	T											T	T			T					T	.3		
	SN ON GND							T	T											T	T			T					T	T		
MUNICH 4 SW	SNOWFALL							1.1	T							T		T	-		1.D	1.D			T	-						
	SN ON GND							1	1	1	T					T		T	T		1	2	1			1						
NAPOLEON	SNOWFALL		T					2.D	1.D									T		T		T							T	1.D		
	SN ON GND		T					1	2	1	T							T		T	T	T							T	1	T	
PARSHALL	SNOWFALL							T	T						T		T	T	T		T							T	T	T		
	SN ON GND							T	T						T		T	T	T		T							T	T	T		
PETERSBURG	SNOWFALL	T	.9					1.2	.2											T	.7				T	.3						
	SN ON GND		1	1	1	T		1	1	1	1	T	T	T	T	T	T	T	T	T	1	1	1	T	T	T	T	T	T	T	T	
PETTIBONE	SNOWFALL		T					-	-								T															
	SN ON GND		T	T				1	1	1	T	T	T																			
RIVERDALE	SNOWFALL							T	T	T							T	T	T		T	T								T		
	SN ON GND							T	T								T	T	T	T	T	T	T							T		
SHARON	SNOWFALL	T	2.D					2.D						T	T						.5									T		
	SN ON GND	T	1	1	T	T		2	2	2	T	T		T	T						1	1	1	T	T	T				T		
STANLEY	SNOWFALL							2.5	T								T	T			.2						T					
	SN ON GND							2	2	2	1	1																				
WAHPETON STATE SCHOOL	SNOWFALL								.5												T	.5								1.5		
	SN ON GND								T												T	1	T							1	1	
WATFORD CITY	SNOWFALL							3.D								T	T				3.D			.5								
	SN ON GND							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLISTON WB CITY	SNOWFALL		T				.7	.7	T						.2	2.4	.9	T		.3	.4			.1			T		T	T		
	SN ON GND							T	T	T	T					1	1	1	T	T	1	1	1	T						T	T	
WILLOW CITY	SNOWFALL							1.5	T							T	T		T	T	T		T		T	-			T			
	SN ON GND							1	1	1	1										T				T	1	1	1	1	1	1	

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

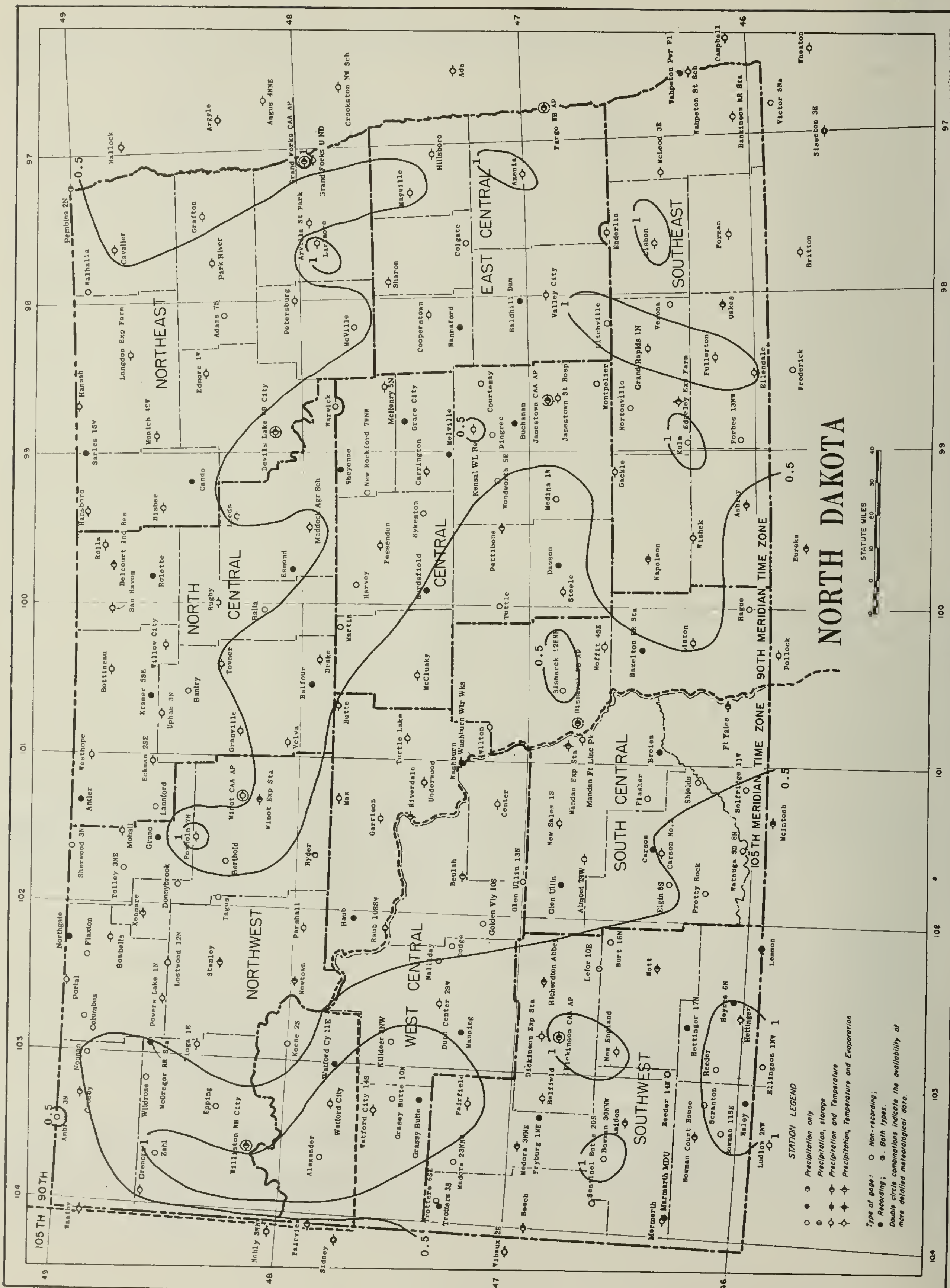
Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville - 1-3-58 - 850

TOTAL PRECIPITATION

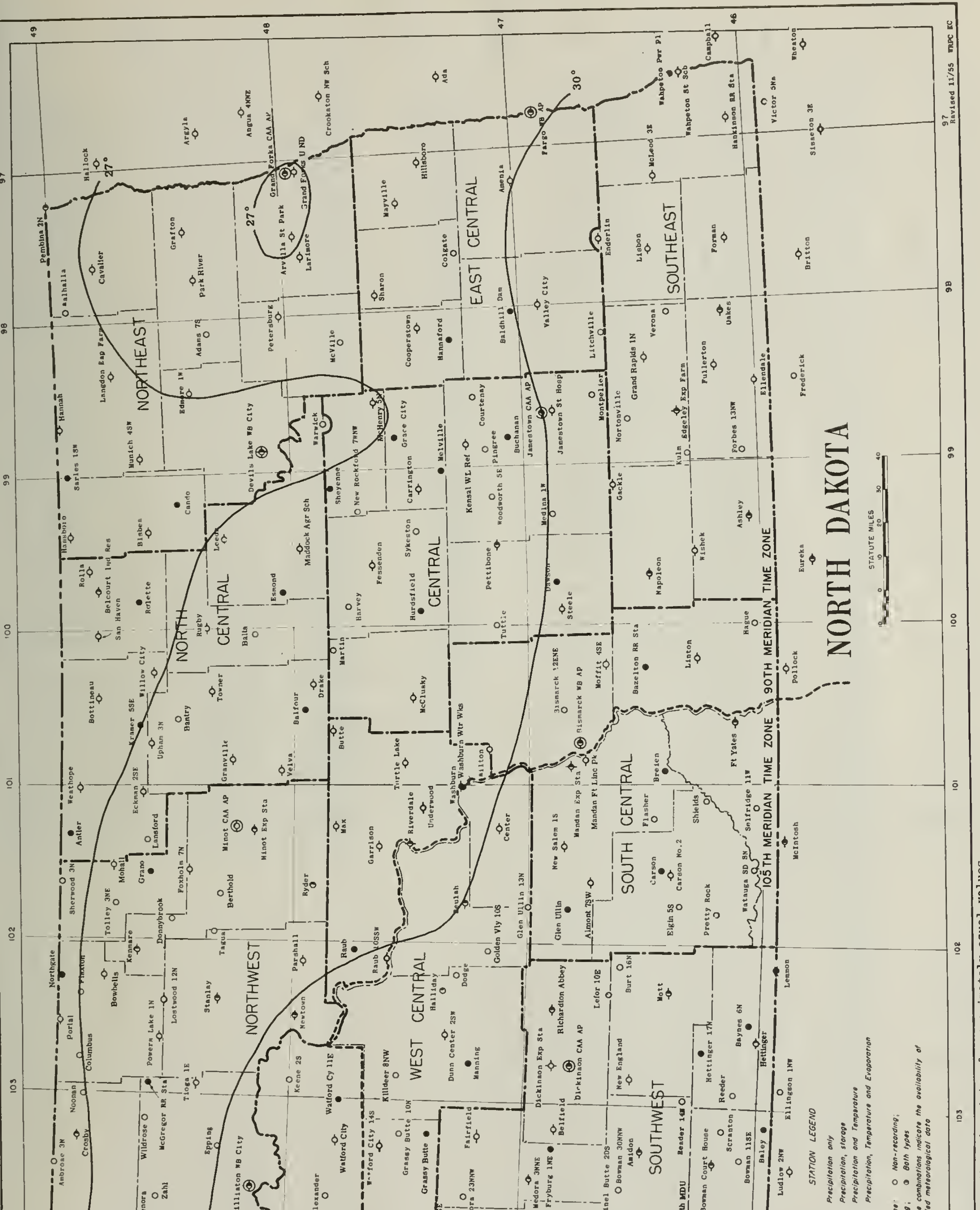
NOVEMBER 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NOVEMBER 1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
Abercrombie 3 NW	0005	Richland	10	48 28	98 47	835		6P	Selmer Amundsen	3
Adams 7 S	0022	Walsh	10	48 20	88 06	1554		6P	Myron J. Sata	3
Alexander	0098	McKenzie	13	47 50	103 38	2200		8P	James Neer	3
Almont 7 SW	0136	Morton	4	48 43	101 39	2300	7P	7P	Hogan Samsland	2 3 5 7
Ambrose 3 N	0188	Divide	12	49 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0198	Cass	11	47 00	97 13	980	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0208	Slope	1	48 28	103 18	2810	8A	8A	Fred Fleener	2 3 5 7 C
Antler	0263	Bottineau	12	48 58	101 20	1540		MID	W. S. Wegner	C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	860	6P	6P	Vernon C. Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300		MID	Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1815		MID	Pius Locker	C
Balta	0500	Pierce	11	48 10	100 02	1550		6P	Anton Schmaltz	3
Bantry	0516	McHenry	12	48 30	100 36	1458		9A	Temple K. Roberts	3
Beach	0580	GoldenValley	7	46 55	104 01	2824	6A	6A	Luther F. Hodgin	2 3 5 7
Belcourt Indian Res.	0626	Rolette	8	48 50	99 45	1860	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7
Belfield	0639	Stark	4	46 53	103 11	2583	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 18	101 44	2080		6P	Joan Coa	3
Beulah	0786	Mercer	8	47 16	101 47	1780	6A	6A	Mont. Dak.Util. Co.	2 3 5 7 C
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	8P	Robert J. Krick	2 3 5
Bismarck WB Airport	0819	Burleigh	8	48 48	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1708		8A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1840	8A	8A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 48	102 15	1953	5P	5P	Felix L. Adams	2 3 5 7
Bowman Court House	0885	Bowman	3	46 11	103 23	2880	5P	5P	O. B. Book	2 3 5 C
Bowman 8 SE	0998	Bowman	3	46 05	103 18	2835		6P	Olaf Aasen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 31	2505		5P	John H. Hanson	3
Bries 4 S	1052	Sioux	1	46 20	100 56	1825		MID	Evelyn A. Larson	C
Buchanan	1124	Stutsman	5	47 04	88 49	1572		MID	CLOSED - - - - -	10/15/57
Burt 16 N	1216	Hettinger	1	46 36	102 08	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1885	8A	8A	Sam Kritsky	2 3 5 7
Cando	1288	Towner	2	48 28	99 12	1481		MID	Harry E. Barrie	C
Carrington	1360	Foster	5	47 27	99 08	1588	8A	8A	Andrew C. Reinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	C
Carson No. 2	1370	Grant	4	48 25	101 34	2310	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	6P	Willie Baneen Pico	2 3 5 7
Center	1458	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Beinz	2 3 5 7
Colgate	1888	Steele	10	47 14	97 39	1180		8P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1830		8A	J. D. Bundell	3
Cooperstown	1766	Griggs	11	47 28	98 07	1428	5P	5P	Deland M. Marson	2 3 5
Courtenay	1818	Stutsman	5	47 13	88 34	1523		6P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	48 07	88 52	1471	MID	MID	U.S. Weather Bureau	2 3 5 8 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2595	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5 6
Dodge	2215	Dunn	8	47 18	102 12	1889		MID	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	7A	Cheeley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1485	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 8 C
Edmore 1 W	2525	Ramsey	2	48 25	98 28	1520	SS	SS	Mike Davis	2 3 5 7
Elgin 5 S	2582	Grant	1	46 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2805	Dickey	5	48 00	88 31	1460	8P	8P	Paul Gress	2 3 5
Enderlin	2895	Ransom	11	46 37	97 36	1120	7A	7A	Leonard Peterson	2 3 5
Epping	2735	Williams	8	48 17	103 21	2224		8P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Baldwin Reierson	C
Fairfield	2809	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	86 48	895	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 38	89 37	1620	6P	6P	Emil R. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1830		8A	George M. Sinclair	3
Flaxton	3018	Burke	12	48 54	102 23	1940		6P	Thomas Lynch	3
Forbes 13 NW	3064	Dickey	5	46 04	98 58	1988		6P	Theodore A. Wirch	3
Forman	3117	Sargent	10	46 06	97 38	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 08	100 38	1640	8A	8A	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1809	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSE	3277	Billings	4	46 53	103 18	2775		MID	John Syminow	C
Fullerton	3287	Dickey	5	46 10	88 25	1438	8P	6P	F. O. Alis	2 3 5 7
Gackle	3308	Logan	5	46 38	89 08	1851	6P	6P	Alvin Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 48	2080		MID	Frederick J. Anhorn	C
Glen Ullin 13 W	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870		6P	Robert B. Sackfisch	3
Grace City	3583	Foster	5	47 33	98 48	1495		MID	Ida Bonderud	C
Grafton	3594	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	832	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N. D.	2 3 5
Grand Rapids 1 N	3865	La Moure	5	46 28	88 21	1360	6P	6P	Albert J. Ness	2 3 5 7
Grano	3676	Renville	12	48 37	101 35	1625		MID	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5 7
Grassy Butte	3688	McKenzie	7	47 24	103 14	2660		MID	Grayce R. Warren	C
Grassy Butte 10 W	3701	McKenzie	7	47 31	103 14	2497		8A	CLOSED - - - - - -	10/7/57
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1898		8P	Peter Kocber	3
Haley	3836	Bowman	3	45 58	103 08	2651		MID	Betty J. Krinke	C
Halliday	3848	Dunn	8	47 21	102 20	2048		6P	Walter Weisenburger	3
Hankinson S S Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	C
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3883	Towner	9	48 57	88 23	1600	7P	7P	Charles E. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	89 55	1595		6P	Stephen Schreder	3
Haynes 13 NNE	4073	Adams	1	46 08	102 21	2400		MID	John H. Lee	C
Hazelton R R Station	4083	Emmons	8	46 29	100 17	1978		MID	V. G. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Fortbun	2 3 5 7
Hettinger 17 N	4188	Adams	1	48 15	102 38	2610		MID	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	801	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	88 55	1915		MID	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	88 41	1482	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2348		8P	Kenneth V. Berget	3
Kenmare	4648	Ward	12	48 40	102 05	1800	8A	8A	Theo. E. Eckberg	2 3 5 C
Kensal Wildlife Refuge	4658	Stutsman	5	47 16	98 52	1451	5P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		8P	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	48 18	88 57	1970		6P	John Stroehl	3
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 20	1815	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louie Schaefer	3
Larimore	5013	Grand Forks	10	47 55	87 38	1134	5P	5P	Nels S. Engen	2 3 5
Leeds	5078	Benson	2	48 17	98 28	1515	6P	6P	Clarence McCormack	2 3 5
Lefor 1D E	5088	Stark	4	48 38	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P	8P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 28	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		8P	Melvin Rorvik	3
Lostwood 12 E	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri' School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 6 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 45	100 52	1874	5P	5P	Fort Lincoln Park	2 3 5
Manning	5518	Dunn	8	47 14	102 46	2218		MID	Donald Jefferies	C
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	8A	R. S. Jeetnes	2 3 5 C
Martin	5610	Sheridan	11	47 50	100 07	1510		5P	CLOSED - - - ---	8/30/57
Max	5638	McLean	8	47 49	101 18	2093	8A	8A	R. H. Schafer	2 3 5 7
Mayville	5880	Traill	10	47 30	97 19	875	6P	8P	S. A. Ragaz	2 3 5 7
McClusky	5710	Sheridan	8	47 29	100 28	1843	8P	6P	Elmer L. Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	2221		MID	L. E. Erickson	C
McHenry 5 W	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. R. Slaeky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	Gordon R. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 10	1487	8P	6P	Robert D. Getz	2 3 5
Medina	5798	Stutsman	8	48 53	99 19	1795		8P	Rudolph Graf	3
Medora 3 NNE	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 3 5
Medora 23 NNW	5818	Billings	7	47 14	103 36	2123		7A	Archie E. McAdoo	3
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	C
Minot CAA AP	5888	Ward	12	48 15	101 17	1722	MID	MID	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	8A	N.C. Agri. Exp. Sta	2 3 5 C
Moffit 4 SE	8015	Burleigh	8	46 40	100 14	1780	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	8025	Renville	12	48 46	101 31	1638	8P	6P	W. K. Purdy	2 3 5 7
Montpelier	6105	Stutsman	5	48 42	98 35	1378		6P	Rolf Hanson	3
Mott	8155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Coffing	2 3 5 7 C
Munich 4 SW	8195	Cavalier	2	48 38	88 53	1598	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 30	99 46	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	8315	Hettinger	1	48 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		6P	Richard Steinbach	3
New Salem 1 N	6365	Morton	4	48 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	8383	Mountrail	8	47 58	102 29	1805	6P	8P	Erwin A. Ventsch	2 3 5 C
Noonan	8455	Divide	12	48 53	103 01	1860		6P	George Kostek	3
Northgate	6535	Burke	12	48 00	102 16	1850		MID	U.S. Customs Sta.	C
Nortonville	6565	La Moure	6	46 33	88 44	1508		6P	Robert R. Solinger	3
Oakes	8820	Dickey	5	46 08	88 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. S. Shubert	2 3 5 7
Pembina	8947	Pembina	10	48 58	87 14	780	6P	6P	S. W. Douglas	2 3 5 C
Petersburg	7027	Nelson	10	48 01	98 00	1524	6P	6P	Marvin Broton	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1855	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		8P	CLOSED - - - - -	10/15/57
Portal	7201	Burke	12	49 00	102 33	1954	8A	8A	U.S. Customs Serv.	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	48 10	101 51	2480		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	1885		MID	Alvin Larson	C
Raub 10 SSW	7408	McLean	8	47 36	102 08	1958	6P	6P	Lyle P. Boltan	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		6P	A. V. Rittleson	3
Reeder 14 N	7452	Slope	1	48 19	102 57	2784		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1950	8A	8A	Corps of Engineers	2 3 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		MID	Henry Johnson	C
Rolla	7864	Rolette	2	48 52	99 37	1818	7P	7P	Theo. S. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Rornstein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		6P	B. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 56	99 00	1602		MID	David S. Madland	C
Scranton	7932	Bowman	3	46 09	103 09	2776		6P	CLOSED - - - -	9/30/57
Selfridge 11 W	7952	Sioux	8	46 01	101 10	-		7P	L. S. Wilson	3
Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662		7P	G. E. Bury	3
Sharon	7986	Steele	10	47 38	87 54	1516	8P	7P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	98 07	1480		MID	Alvin N. Kennedy	C
Shields	8065	Grant	1	46 14	101 07	1806		6P	James W. Bodenhaugh	3
Stanley	8276	Mountrail	8	48 19	102 24	2280	7P	7P	N. G. Evans	2 3 5 7 C
Steele	8366	Kidder	8	46 51	99 55	1857	6P	6P	Steele Ozone Press	2 3 5
Sykeston	8608	Wells	5	47 28	99 24	1634		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. R. Ellinghoe	3
Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley	8764	Renville	12	48 43	101 50	1848		6P	Arthur I. Folland	3
Towner	8782	McHenry	12	48 21	100 24	1482	7P	7P	August S. Rieder	2 3 5
Trotters 6 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		MID	John O. Wellermoe	C
Turtle Lake	8840	McLean	8	47 31	100 53	1899	6P	6P	Rudy Schoch	2 3 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2026	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8837	Barnes	11	46 55	98 00	1229	6P	6P	Miss I. C. Robertson	2 3 5
Velva	8980	McHenry	12	48 03	100 55	1511	8A	8A	[illegible] K. Ayers	2 3 5
Verona	8035	La Moure	5	46 22	98 05	1382		6P	[illegible]arres O. Tang	3
Wahpeton Power Plant	9085	Richland	10	46 17	96 36	962		MID	[illegible]tter Tail Power Pl	C
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	6P	[illegible]t Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 55	97 55	950		6P	[illegible]elia A. Gastonguay	3
Warwick	9185	Benson	11	47 51	98 42	-		6P	Virgil S. Johnson	3
Washburn	9195	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 3 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		MID	Washburn Waterworks	C
Watauga, S.D. 8 N	9219	Grant	1	46 02	101 34	2074		6P	Mary K. Katus	3
Watford City	9233	McKenzie	8	47 48	103 17	2100	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 S	9238	McKenzie	8	47 47	103 02	2130		MID	Ida Peterson	C
Watford City 14 S	9246	McKenzie	7	47 36	103 17	1965	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	9333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
#Williston WB City	9425	Williams	8	48 09	103 37	1877	MID	MID	U.S. Weather Bureau	2 3 5 7 C
Williston Exp Farm	9430	Williams	8	48 08	103 41	2105	6P	6P	Howard M. Olson	2 3 5 6
Willow City	9445	Bottineau	12	48 36	100 17	1471	6P	6P	Mrs. D. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 09	100 48	2171	6P	6P	Edwin Peterson	2 3 5
Wishek	9515	McIntosh	8	46 16	98 34	2010	8A	8A	J. M. Hellerud	2 3 5
Woodworth	9575	Stutsman	5	47 09	99 18	2041		6P	Chester W. Thompson	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

Reference notes for this issue may be found on page 163.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

DECEMBER 1957
Volume LXVI No. 12

ASHEVILLE: 1958

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WEATHER SUMMARY

December 1957 was one of the warmest Decembers of record. Some previous mild Decembers were in 1939 and 1954. Precipitation ranged from near seasonal over the south central counties to less than one-third of seasonal over the northeast and east central counties. The heaviest snows fell over the northwestern, central, and southeastern counties. The mild weather was favorable for livestock and for the completion of the harvest of 1957 crops.

Monthly mean temperatures averaged about eight degrees above seasonal. Afternoon temperatures climbed to above freezing on most days and were frequently above 40°. Chinook winds brought especially mild temperatures to the Great Plains on December 9. Almost all stations over the southwestern section registered their highest temperatures for the month on December 9. The maximums over that section on the 9th were above 50°. The highest temperature for the State, 62°, occurred at Marmarth on December 9. That was the highest December temperature registered in North Dakota since 1943.

The effects of the chinook were short-lived. On December 10, the winds shifted to northerly, plunging the northern Plains into the "deep freeze". Minimums on the 10th and 11th were near zero over the entire State and below zero at many stations. Afternoon temperatures remained far below freezing on those dates. It was the coldest weather since early in March.

Fortunately, the cold weather did not last. Late on December 11, the winds shifted to southerly and by the afternoon of the 12th, maximums were again near 40° or higher. The warm spell continued from the 12th to 27th. Many stations in the northwest, central, and eastern sections registered their highest temperatures for the month during the period, 17th to 21st. The Arctic air that moved into the State on the 27th brought the coldest weather of the month. Temperatures dropped far below zero. Most stations registered their coldest temperatures for the month on the 31st. Monthly minimums ranged from 7° below zero at Beach, Belfield, and Medora 3 NNE on the 31st to 30° below zero at Center on the same date. Monthly minimums at many stations were between -15° and -25°.

Monthly mean temperatures ranged from 15.2° at Bottineau to 30.8° at Bowman Court House. The temperature departures ranged from +5.0° at Bottineau to +10.9° at Dickinson Experiment Station.

Snow fell over much of North Dakota on several days near the beginning of the month and on the last few days of December. The amounts ranged widely. Over the northeastern counties, the monthly snowfall totals ranged from a few flakes to a few inches. Slightly larger amounts fell over the southwestern counties. The greatest averages were over the central and south central sections where most stations received from four to ten inches. The greatest amount, 15.0 inches, fell at Steele. Precipitation totals, which included the moisture from melted snow samples, ranged from a trace at Killdeer 8 NW and at Walhalla to 0.63 inch at Steele. Most monthly totals were between one-tenth and one-half inch. Very few stations received amounts larger than their long-term December means.

The mild December weather was favorable for outdoor work. Farmers completed combining soybeans, picking corn, and harvesting small grain. The unseasonally warm weather and the absence of deep snow was favorable for livestock. They grazed in the fields and pastures most of the month and were in good condition. The freezing temperatures ended sugar beet lifting. A small acreage was lost due to the freeze-up.

There were no storms in December that caused widespread destruction. Light snow made city streets slippery on a few days. Strong winds on several days caused soil blowing over fields that were not covered with snow. The dust was especially bad in some western sections on December 25.

Lucius W. Dye
Climatologist
Weather Records Processing Center
Kansas City, Missouri

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the United States for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 12:00A CST	Relative humidity averages - percent: 6:00A CST	Relative humidity averages - percent: 12:00P CST	Relative humidity averages - percent: 6:00P CST	Number of days with precipitation: Trace	Number of days with precipitation: .01-.09	Number of days with precipitation: .10-.49	Number of days with precipitation: .50-.99	Number of days with precipitation: 1.00-1.99	Number of days with precipitation: 2.00 and over	Number of days with precipitation: Total	Percent of possible sunshine	Average sky cover sunrise to sunset
BISMARCK WB AIRPORT	WNW	16	11.3	50	NW	9	72	71	61	63	6	3	1	0	0	0	10	59	6.9
DEVILS LAKE WB CITY	NW	-	9.0	34	NW	25	-	81	74	75	13	6	0	0	0	0	19	56	7.1
FARGO WB AIRPORT	SSE	18	16.1	58	N	10	75	77	67	70	9	2	0	0	0	0	11	50	6.7
WILLISTON WB CITY	S	-	7.4	28	NW	25	-	70	62	63	4	3	2	0	0	0	9	58	7.2

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Temperature: Average Minimum	Temperature: Average	Temperature: Departure From Long Term Means	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Temperature: Degree Days	No. of Days: Max 90° or Above	No. of Days: Max 32° or Below	No. of Days: Min 32° or Below	No. of Days: Min 0° or Below	Precipitation: Total	Precipitation: Departure From Long Term Means	Precipitation: Greatest Day	Precipitation: Date	Snow, Sleet: Total	Snow, Sleet: Max. Depth on Ground	Snow, Sleet: Date	No. of Days: .10 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
NORTHWEST DIVISION																								
BOWBELLS		31.8	10.8M	21.3M		46	18	-25	31	1352	0	9	31	6	.26		.11	29	2.5	1	3+	2	0	0
CROSBY		31.7	11.3	21.5	7.7	45	20	-22	31	1345	0	8	31	4	.18	- .23	.08	2	5.5	3	2	0	0	0
FOXHOLM 7 N		35.0M	13.9M	24.5M	10.1	49	18			1256	0	9	31	4	.40	- .01							0	0
GRENORA		36.5M	13.0M	24.8M		49	21	-18	31	1229	0	7	31	4	.11		.05	2				0	0	0
KENMARE	AM	32.4	10.5M	21.5M		46	19+	-22	31	1347	0	10	31	6	.23	- .23	.13	3	3.5			2	0	0
LOSTWOOD 12 N		32.3M	9.8M	21.1M				-23	31	1337	0		31	6	.16		.09	30		3	30+	0	0	0
MINOT CAA AP		31.9	12.4	22.2		47	18+	-17	30+	1321	0	9	31	5	.18		.10	2	1.8	1	3+	1	0	0
MINOT EXP STATION	AM	32.2	12.0	22.1		48	21	-21	31	1323	0	11	31	5	.10		.05	3	1.9	1	3+	0	0	0
MOHALL		30.9M	11.0	21.0M	8.4	48	18	-25	31	1372	0	11	30	6	.16	- .28	.12	3	3.0	2	29+	1	0	0
NEWTOWN		34.3	13.8	24.1	9.5	49	18	-22	31	1263	0	9	31	5	.21	- .18	.08	29	3.0	2	30+	0	0	0
PARSHALL		33.9	11.5	22.7		50	21	-25	31	1304	0	9	31	5	.19	- .09	.05	3+	1.7	1	3+	0	0	0
PORTAL	AM	29.6M	9.0M	19.3M	7.5			-20	28+	1437	0	10	31	6	.31	- .13	.20	3	3.0	2	3+	2	0	0
POWERS LAKE 1 N																								
STANLEY		31.5	12.2	21.9		46	21	-20	31	1333	0	10	31	6	.29		.12	2	3.4	2	30+	2	0	0
TIOGA 1 E	AM	30.9M	10.4M	20.7M		46	21	-24	31	1368	0	11	31	5	.29		.12	30		2	30+	2	0	0
WILLISTON WB CITY	R//	35.0	16.1	25.6	9.9	49	21	-16	30	1216	0	9	31	4	.30	- .24	.11	7	4.2	2	29+	2	0	0
WILLISTON EXP FARM		34.2	14.5	24.4		46	20+	-13	30+	1255	0	8	30	4	.14		.07	2				0	0	0
DIVISION				22.4	8.8										.22	- .18			3.0					
NORTH CENTRAL DIVISION																								
BELCOURT INDIAN RES		26.3	6.3	16.3		44	20	-23	29	1502	0	18	31	10	.14		.06	3	3.6	4	3+	0	0	0
BOTTINEAU	AM	26.4M	3.9M	15.2M	5.0	43	21	-23	31	1538	0	16	31	9	.09	- .31	.07	3	.8	1	3+	0	0	0
DRAKE	AM	32.6	11.5	22.1	8.8	48	19+	-19	31	1326	0	13	31	5	.22	- .15	.16	3				1	0	0
ECKMAN 2 SE	AM	30.1	8.3	19.2	8.0	48	19	-24	31	1416	0	14	31	7	.19		.11	3				1	0	0
GRANVILLE		31.3M	11.9M	21.6M	7.6	49	21	-22	31	1342	0	9	31	5	.25	- .16	.12	3	4.0	2	3+	1	0	0
LEEDS		28.7	11.3	20.0		46	20	-21	31	1392	0	16	31	6	.28		.18	3	4.0	2	3+	2	0	0
MADDOCK AGR SCHOOL		31.2	11.5	21.4	9.0	47	20	-21	31	1345	0	14	31	6	.19	- .21	.11	3		2	3+	1	0	0
ROLLA		26.7	8.8	17.8		44	20	-20	30	1456	0	18	31	8	.19		.08	3+	2.3	3	10+	0	0	0
RUGBY		29.9	11.3	20.6		46	20	-20	31	1368	0	14	31	6	.22	- .31	.14	3	2.5	2	3+	1	0	0
SAN HAVEN		26.2	8.6	17.4	6.0	44	20	-20	29	1469	0	19	31	7	.25	- .15	.17	3	3.2	4	10+	1	0	0
TOWNER		32.2M	8.8M	20.5M	8.0	48	18	-14	28+	1391	0	15	31	6	.23	- .30	.12	30	4.0			2	0	0
UPHAM 3 N		31.1	9.7	20.4		48	18+	-25	31	1380	0	14	31	6	.12		.06	3+	2.5	1	3+	0	0	0
VELVA	AM	33.9	11.7	22.8	7.5	49	21	-22	31	1304	0	9	31	6	.17	- .29	.09	3	4.2	2	3+	0	0	0
WESTHOPE		27.8	6.9	17.4	6.5	45	18	-22	31	1473	0	18	31	9	.15		.06	2+	2.5	3	3	0	0	0
WILLOW CITY		29.1	6.6M	17.9M	7.9	45	20	-26	31	1460	0	16	31	9	.05	- .46	.05	3	1.2	1	3+	0	0	0
DIVISION				19.4	7.6										.18	- .28			2.9					
NORTHEAST DIVISION																								
ARVILLA STATE PARK		31.0	6.0	18.5		46	20	-24	31	1437	0	13	31	9	.08		.03	9	1.0			0	0	0
BISBEE		28.1M	9.1	18.6M		42	20	-19	29+	1418	0	18	31	7	.15		.09	7	1.4	1	7+	0	0	0
CAVALIER		28.1	8.7	18.4		46	20	-20	30	1440	0	15	31	7	.10		.05	10	.7	2	1+	0	0	0
DEVILS LAKE WB CITY	R//	27.4	10.0	18.7	7.5	47	20	-16	31	1428	0	16	31	7	.29	- .19	.09	9	4.1	2	3+	0	0	0
EDMORE 1 W		28.6	8.2	18.4		45	20	-19	29+	1436	0	15	31	8	.24		.08	7	4.5	2	7+	0	0	0
GRAFTON		28.8M	9.5M	19.2M	7.9	48	20			1406	0		31	8	.03	- .57	.02	10	.6			0	0	0
GRAND FORKS CAA AP	R	28.0	9.4	18.7		44	20	-16	29+	1425	0	15	31	6	.09		.05	30	.8	1	30	0	0	0
GRAND FORKS UNIVERSITY		28.3	8.2	18.3	6.8	44	20	-18	29+	1444	0	14	31	7	.11	- .51	.03	7+	1.6	1	23+	0	0	0
HANNAH		25.3M	5.4M	15.4M		42	20	-22	29+	1533	0		31	7	.14	- .28	.06	10	1.8	2	10+	0	0	0
HANSBORO		26.8M	7.9M	17.4M	6.9	44	20	-22	29	1470	0	17	31	7	.15	- .18	.10	10	2.2	1	10+	1	0	0
LANGDON EXP FARM		26.4	7.5	17.0	7.7	42	20	-23	29	1484	0	17	31	7	.13	- .43	.09	10	1.2	1	10	0	0	0
LARIMORE		31.3M	9.4	20.4M	7.9	48	20	-19	29+	1363	0	15	31	7	.10	- .37	.07	30				0	0	0
MC VILLE		29.2	9.4	19.3		45	20	-20	31	1410	0	15	31	6	.19		.10	10	2.5	1	3+	1	0	0
MUNICH 4 SW		27.5	4.5	16.0		42	20	-23	30	1513	0	19	31	10	.11		.05	10	1.0	1	10+	0	0	0
PARK RIVER		30.0	10.7	20.4	8.8	48	20	-17	29	1376	0	13	30	7	.02	- .38	.01	7+		T	7+	0	0	0
0PEMBINA		26.7M	8.1M	17.4M		40	19	-22	30	1469	0	18	30	7	.16	- .24	.11	7				1	0	0
PETERSBURG		27.9	10.1	19.0		45	20	-18	29	1421	0	16	31	7	.09	- .34	.04	7	.9	1	7+	0	0	0
DIVISION				18.4	7.8										.13	- .36			1.7					
WEST CENTRAL DIVISION																								
BEULAH	AM	36.1	10.4	23.3		52	10	-25	31	1286	0	9	31	5	.13		.05	30				0	0	0
BUTTE	AM	32.9M	12.1M	22.5M		49	19+	-20	31	1309	0	9	31	6	.08		.08	30				0	0	0
CENTER		36.0	11.5	23.8		51	9+	-30	31	1270	0	9	30	5	.57		.28	7	6.5	3	7+	2	0	0
DUNN CENTER 2 SW	AM	36.7	14.9	25.8	8.1	52	10	-17	31	1210	0	8	31	4	.10	- .17	.07	7	2.0	1	7+	0	0	0
GARRISON	AM	34.3M	12.7M	23.5M	8.5	50	21	-21	31	1297	0	8	31	4	.33	- .11	.17	30		4	30+	2	0	0
MAX	AM	32.9	10.7	21.8	8.6	48	19+	-23	31	1337	0	10	31	5	.37	.01	.19	30	4.0	2	3+	2	0	0
RAUB 10 SSW		37.0	16.8	26.9		51	18+	-15	31	1173	0	8	30	4	.05		.03	29	2.0	1	2+	0	0	0
RIVERDALE	AM	34.3	13.2	23.8		48	19+	-19	31	1271	0	8	31	4	.25		.10	30	3.5	2	30+	1	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min.											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TURTLE LAKE		33.8	11.9	22.9		49	20	-24	31	1300	0	9	31	6	.13		.10	29				1	0	0
UNDERWOOD	AM	34.7	11.5	23.1		50	10	-25	31	1295	0	8	31	4	.25		.22	30	5.0	4	30+	1	0	0
WASHBURN																								
WATFORD CITY		37.7	17.3	27.5	9.8	52	21	-13	31	1154	0	6	30	3	.29	- .20	.14	7	4.5			1	0	0
WATFORD CITY 14 S		39.3	16.7	28.0		55	9	-13	31	1138	0	6	30	2	.15		.10	2	3.0	1	2+	1	0	0
WILTON		33.0	11.4	22.2		50	20	-21	31	1322	0	12	31	6	.29		.16	7	8.0			2	0	0
DIVISION				24.2	8.5										.23	- .13			4.3					
CENTRAL DIVISION																								
CARRINGTON	AM	30.9	10.9	20.9	8.1	49	25	-22	31	1358	0	12	31	7	.23	- .18	.16	3	4.5	3	3+	1	0	0
FESSENDEN		34.2	12.7	23.5	10.3	51	20	-23	31	1283	0	10	31	6	.21	- .32	.13	3	4.0	2	3+	1	0	0
JAMESTOWN CAA AP	R//	31.9	12.7	22.3		50	20	-21	31	1316	0	13	31	6	.47		.21	7	6.5	3	8+	1	0	0
JAMESTOWN STATE HOSP		32.8	14.5	23.7	8.7	50	20	-21	31	1275	0	10	31	5	.43	- .05	.22	7	6.4	3	7	2	0	0
KENSAL WILDLIFE REFUGE		33.5	11.8	22.7		48	20	-22	31	1304	0	10	31	6	.29		.15	3	5.0	2	3+	1	0	0
MC CLUSKY		33.1	12.6	22.9	8.3	49	17	-23	31	1299	0	12	31	6	.22	- .29	.07	29	2.4	2	30+	0	0	0
MC HENRY 5 N		29.5	9.6	19.6		46	20	-22	31	1403	0	14	31	6	.13		.05	3	2.0	1	3+	0	0	0
PETTIBONE		31.9M	10.5M	21.2M	7.8	47	20	-25	31	1352	0	10	31	6	.29	- .09	.10	3		2	7+	1	0	0
STEELE		34.9	13.8	24.4	9.7	53	20	-23	31	1254	0	10	30	5	.63	.31	.30	7	15.0	5	7+	3	0	0
DIVISION				22.4	8.8										.32	- .12			5.7					
EAST CENTRAL DIVISION																								
AMENIA		32.6M	10.8M	21.7M		45	24	-16	31	1326	0	12	31	6	.15		.05	30	3.0	2	30+	0	0	0
COOPERSTOWN		29.9	10.8	20.4		44	20	-21	31	1376	0	13	31	6	.18	- .39	.06	3+	2.4	1	7+	0	0	0
FARGO WB AP	R//	30.5	12.4	21.5	8.6	45	20+	-16	31	1343	0	13	30	6	.05	- .55	.03	29	1.2	1	29+	0	0	0
HILLSBORO		32.1M	11.9M	22.0M	9.0	45	9+			1326	0	12	31	6	.02	- .55	.02	30	.2	T	3+	0	0	0
MAYVILLE		31.3	13.0	22.2	8.7	45	20	-18	31	1320	0	12	30	6	.11	- .38	.03	7+	1.4	1	30+	0	0	0
SHARON		29.2	9.8	19.5	7.8	42	20	-18	31	1407	0	15	31	6	.15	- .37	.08	10	2.1	1	3+	0	0	0
VALLEY CITY		32.2M	13.3	22.8M	7.4	46	20	-18	31	1300	0	11	31	6	.49	- .02	.20	3	4.0			3	0	0
DIVISION				21.4	8.4										.16	- .37			2.0					
SOUTHWEST DIVISION																								
AMIDON	AM	39.7M	17.1M	28.4M		56	10	- 9	31	1126	0		30	2	0 .23		.13	7	2.0	1	1+	2	0	0
BEACH	AM	39.6	17.2	28.4		56	10	- 7	31	1128	0	6	31	2	.05		.05	7	.5	1	7+	0	0	0
BELFIELD		39.2	17.0	28.1		55	9	- 7	31	1139	0	7	30	2	.19		.16	7		2	7	1	0	0
BOWMAN COURT HOUSE		43.1M	18.5M	30.8M	9.6	59	9	-11	31	1030	0	4	31		.10		.05	7+	1.6	1	7	0	0	0
DICKINSON CAA AP	R//	37.8	17.2	27.5		52	9	- 8	30	1157	0	8	31	2	.15		.13	7	1.5	1	7+	1	0	0
DICKINSON EXP STATION	AM	40.0M	16.7	28.4M	10.9	53	10	- 8	31	1114	0		31	1	.16	- .16	.07	8				0	0	0
FAIRFIELD		37.9	15.0M	26.5M		51	9	- 9	31	1193	0	7	31	4	.07		.05	7	1.5	2	2	0	0	0
HETTINGER		40.2M	17.7	29.0M	7.7	57	9	- 9	31	1114	0	4	30	2	.09	- .14	.08	7	1.0			0	0	0
MARMARTH	AM	43.3	16.6	30.0	9.4	62	10	-13	31	1079	0	3	31	1	.14	- .24	.09	30	1.0	1	30+	0	0	0
MEDORA 3 NNE		42.3	16.1	29.2		59	9	- 7	31	1102	0	4	30	2	.12		.09	7	3.9	2	7	0	0	0
MOTT		41.0	13.5	27.3	7.5	56	21	-13	31	1161	0	5	31	4	.12	- .18	.12	7	1.0	1	7+	1	0	0
NEW ENGLAND		40.1	15.5	27.8	7.9	54	9+	-11	31	1146	0	6	30	2	.16	- .22	.12	7				1	0	0
RICHARDTON ABBEY		38.1	17.5	27.8	8.6	52	9	-12	31	1145	0	8	30	3	.32	- .04	.22	7	4.4	3	7	1	0	0
DIVISION				28.4	8.6										.15	- .17			1.8					
SOUTH CENTRAL DIVISION																								
ALMONT 7 SW		37.3	16.4	26.9		53	9	-17	31	1177	0	8	30	4	.30		.20	7	4.0	2	7+	1	0	0
BISMARCK WB AP	R//	35.4	12.9	24.2	8.7	53	20	-24	31	1257	0	9	31	4	.38	- .02	.21	7	5.7	3	7	1	0	0
CARSON NO 2	AM	37.3M	13.4M	25.4M	6.8	52	21	-18	31	1225	0	9	31	5	.20	- .15	.08	7				0	0	0
FORT YATES	AM	38.5	14.8	26.7	7.6	57	21	-16	31	1183	0	9	31	1	.27	.02	.11	7	2.6	2	8	1	0	0
LINTON		36.8	13.0M	24.9M	8.1	54	20	-19	31	1234	0	9	31	5	.54	.23	.36	7	5.0	4	7+	2	0	0
MANDAN EXP STATION	AM	35.9	13.9	24.9	8.7	53	21	-21	31	1238	0	8	31	5	.33	- .04	.13	7	7.1	3	8+	1	0	0
MANDAN FT LINCOLN PARK		37.7	12.8	25.3		54	20	-23	31	1224	0	5	31	5	.46		.28	7	8.0	3	7+	2	0	0
MOFFIT 4 SE		36.2	12.7	24.5		53	20	-25	31	1252	0	9	31	5	.30		.19	7	6.0	4	7+	1	0	0
NEW SALEM 1 S		35.9	14.6	25.3	7.7	51	18+	-18	31	1225	0	10	30	5	.38	.08	.23	7	6.0	3	7	1	0	0
DIVISION				25.3	7.6										.35	.03			5.6					
SOUTHEAST DIVISION																								
ASHLEY		34.3	13.8	24.1	8.5	53	20	-21	31	1264	0	10	31	5	.39	.11	.25	7	6.5	4	7+	1	0	0
EDGELEY EXP FARM	AM	34.2	12.5	23.4	8.3	53	21	-24	31	1286	0	9	31	5	.40	.06	.16	8	9.0	4	8	2	0	0
ELLENDALE		35.7	15.3	25.5	9.2	53	20	-18	31	1216	0	8	29	5	.39	- .12	.20	7	6.6	3	7+	1	0	0
ENDERLIN	AM	31.6	9.6	20.6		46	21+	-21	31	1370	0	10	31	6	.26		.11	3	8.5	3	3+	2	0	0
FORMAN		35.0M	14.8M	24.9M		47	21+			1235	0	9	30	5	.31	- .21	.18	30	3.0	2	30+	2	0	0
FULLERTON		34.9	14.3	24.6	8.1	53	20	-23	31	1246	0	8	30	5	.24	- .54	.11	7				1	0	0
GACKLE		32.0	12.9	22.5		45	21	-24	31	1313	0	12	31	6	0 .44		0 .35	7		4	7	1	0	0
GRAND RAPIDS 1 N		34.1	12.0	23.1		52	20	-27	31	1294	0	10	31	7	.44		.15	7	8.0	3	7+	3	0	0
HANKINSON R R STATION	AM	33.6	11.4	22.5	6.9	50	21+	-11	31	1313	0	9	31	6	.20	- .39	.10	3+	5.0			2	0	0
LISBON		34.4	13.0	23.7	8.5	47	24	-24	31	1274	0	9	30	5	.37	- .14	.17	30	6.1	3	7+	3	0	0
MC LEOD 3 E		33.6	12.9	23.3	8.4	47	9	-20	31	1289	0	11	30	5	.16	- .31	.10	30	3.2			1	0	0
NAPOLEON		33.3	14.6	24.0	8.7	48	20	-28	31	1267	0	10	31	5	.62	.25	.30	7	8.0	4	7+	3	0	0
OAKES	AM	33.6	10.7	22.2	7.2	51	21	-21	31	1323	0	9	30	7	.49	- .01	.20	30		4	30+	2	0	0
WAHPETON STATE SCHOOL		33.6	13.7	23.7	7.7	49	20	-20	31	1277	0	10	30	5	.18	- .43	.10	30	4.0	3	30	1	0	0
WISHEK	AM	33.2	10.8	22.0	6.8	50	21	-28	31	1327	0	9	31	6	.59	.31	.40	8	7.0	3	8	1	0	0
DIVISION				23.3	7.7										.37	- .10			6.2					

0DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKDTA
DECEMBER 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABERCROMBIE 3 NW	.12			.05				T	T		.02								T												.05	
ADAMS 7 S	.19		.05					.02			.04							.04										T				.04
ALEXANDEN	.24							.15																					.09			
ALMONT 7 SW	.30		.05					.20																						.05		T
AMBROSE 3 N	.14		.04	T																	T									.10	T	
AMENIA	.15			.03				.03			.02								.02												.05	
ANIDON	D .23			T		T		.13	T																					0.10		
ANVILLA STATE PARK	.08							.02	T	.03									.01												.02	
ASHLEY	.39		.06	.02				.25													T									.06		
BALTA	.24			.13			T	.04																						.02	.05	
BAMTNY	.11			.05																											.06	
BEACH	.05		T	T				.05	T		T																	T		T	T	
BELCDUNT INDIAN RES	.14	T		.06				.02		T	.05																				.01	T
BELFIELD	.19			.03				.16	T																		T				T	T
BENTHOLD	.22		.04	.04			T	T																						.06	.07	.01
BEULAH	.13			.03				.01	.04																						.05	
BISBEE	.15							.09			.04																				.02	
BISMARCK WB AP R//	.38		.07	T		T	T	.21			T												T						.02	.08	T	
BISMARCK 12 ENE	.17		T	.03				.10																							.04	
BOTTINEAU	.09			.07				T			T			.01							T										.01	
BOWBELLS	.26		T	.10																								T		.11	.05	
BOWMAN COUNT HOUSE	.10		T					.05																				T		.05		
BOWMAN 9 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWMAN 30 NNW	.02		T					T			T			.02	T	T					T			T					T			
BUNT 16 N	.09		.02					.07																						T	T	T
BUTTE	.08							T			T																				.08	
CARRINGTON	.23			.16				T	.01		T			T	T																.06	T
CANSDN NO 2	.20		T	.04				.08	.04																					.04		T
CAVALIER	.10	.01		T			T	.01		.02	.05								.01					T				T				
CENTER	.57		.03	.06				.28																						.15	.05	
COLGATE	.17			.03							.10																			.02	.02	
COLUMBUS	.11			.06																											.05	
COOPERSTOWN	.18			.06				.03			.06			T					T									T	T	T	.03	
COUNTENAY	.22			.14								T																		.04	.04	
CROSBY	.18		.08			T																T								.04	.06	
DEVILS LAKE WB CITY R//	.29	T	.07	.05		T	T	.03		.09	T			T				T	T				T	T			T	T	T	.04	.01	T
DICKINSON CAA AP R//	.15		.02				T	.13		T	T																	T	T	T	T	T
DICKINSON EXP STATION	.16		T	.03				.06	.07		T																	T		T	T	T
DONNYBROOK	.12		.05					T																						.05	.02	T
DRAKE	.22			.16								T		T														T			.06	T
DUNN CENTER 2 SW	.10		T					.07	T		T																			T	.03	
ECKNAN 2 SE	.19			.11				T																							.08	
EDGELEY EXP FARM	.40			.07				.04	.16																					T	.13	
EDMORE 1 W	.24			.06				.08		T	.06								T			T									.04	
ELGIN 5 S	.06		T				T	.06		T																				T		T
ELLENDALE	.39		.01	.08				.20											T											.05	.05	T
ENDERLIN	.26			.11					.05		T								T												.10	
EPPING	.27		.05					.05																				.01	T	.11	.05	
FAINFIELD	.07		.02					.05		T																		T		T	T	
FANGO WB AP R//	.05	T		T			T	T		T	T			T					T									T		.03	.02	T
FESSENDEN	.21			.13			.04				T																			T	.04	T
FLASHER	.26			.04				.18																						.04		
FLAXTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORBES 13 NW	.31			.06				.15													T									.10	T	T
FORMAN	.31			.13				T																						T	.18	
FORT YATES	.27			.06				.11	.08																						.02	
FOXHOLN 7 N	.40		*	.30																										.07	.03	
FULLERTON	.24			.06				.11			T																			.07	T	
GACKLE	D .44		T	.03				D.35																						.06	T	
GARRISON	.33			.11				.03	T		T																			.02	.17	T
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDEN VALLEY 10 S	.20							.11																				T	.06	.03		
GRAFTON	.03	T					T	.01		T	.02								T					T							T	
GRANO FORKS CAA AP R	.09	T		T		T	T	.01		.01	T							T	.02				T	T				T	T	T	.05	T
GNAND FORKS UNIVERSITY	.11						T	.03		T	.02								T					.03				T			.03	
GRANO RAPIDS 1 N	.44			.11				.15																						.07	.11	
GRANVILLE	.25		T	.12				T																						.08	.05	
GRENORA	.11		.05																									T		.02	.04	
HAGUE	.24		.06	T				.16																						.02		
HALLIDAY	.04			.02																									.02			
HANKINSON R R STATION	.20			.10					T		T																				.10	
HANNAH	.14	T						.04		.04	.06					T												T				
HANSBORO	.15			T				.05		T	.10							T	T											T	T	T
HARVEY	.29			.16							T			.01																	.12	T
HETTINGER	.09	T	.01					.08	T																					T		T
HILLSBORO	.02	T		T			T	T		T				T					T					T							.02	
JAMESTOWN CAA AP N//	.47		.08	.08		T	T	.21		T	T			T				T	T									T		.06	.04	T
JAMESTOWN STATE HOSP	.43			.15				.22			T			T																.02	.04	
KEENE 2 S	.25		.05					.11				.02																		.05	.02	
KENMARE	.23			.13																											.10	
KENSAL WILDLIFE REFUGE	.29			.15				.08		T	T	T																		.02	.04	
KILLOEER 8 NW	T									T																						
KULN	-			-				.20											T											.10	.02	
LANGDON EXP FARM	.13							.02			.09								T												.02	
LANSFORD	.20			.09			T	T			T																			.06	.05	
LARIMORE	.10								T		.03								T									T			.07	
LEEDS	.28			.18																										T	.10	
LEFOR 10 E	.42	.02						.35			T																			T	.05	
LINTON	.54		.10	T				.36															T							.08		
LISODN	.37			.10				.10											T												.17	
LITCHVILLE	.30			.11				.08																						T	.10	.01
LDSTWOOD 12 N	.16		T	.07				T			T																			T	.09	T
NADDOCK AGR SCHOOL	.19	T		.11				.02			.01																			T	.05	
MANDAN EXP STATION	.33			.06				.13	.05																					.02	.07	
MANDAN FT LINCOLN PARK	.46	T	.02	.02	T			.28																						.14		
MARMARTH	.14						T	.05																				T			.09	
MAX	.37			.18					T																					T	.19	
MAYVILLE	.11			.01			.01	.03			.01			T					T											.03	.02	T
MC CLUSKY	.22			.06				.02						.01																.07	.06	
MC HENRY 5 N	.13			.05			T	.01			.04			.01														T		T	.02	T
MC LEOD 3 E	.16			.06				T		T	T																				.10	
MC VILLE	.19			.03				.03		T	.10																				.03	
MEOINA	.24							.12																						.08	.04	
MEOORA 3 NNE	.12	T	.03					.09	T																			T				T
MEDORA 23 NNW	.03	T	.01					.02	T	T	T																					T
MINOT CAA AP	.18		.10	T		T	T	.01		T	T										T	T		T			T	T	T	.05	.02	T
MINOT EXP STATION	.10			.05				T	.01																					T	.03	.01
MOFFIT 4 SE	.30		T	.05			T	.19																						.06	T	T
MOHALL	.16		T	.12				T																						.04	T	T
MONTPELIER	.44			.10			T	.20			T			T					T									T		.06	.08	
MOTT	.12		T					.12			T																			T		T
MUNICH 4 SW	.11			.01						.02	.05								.02												.01	T
NAPOLEON	.62			.10				.30																						.20	.02	
NEW ENGLAND	.16		.04					.12							T													T		T		
NEW ROCKFORD 7 WNW	.19	T		.07				.08					T																	.04		

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
DECEMBER 1957

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW SALEM 1 S	.38		.06	T				.23																					T	.09	T	
NEWTOWN	.21		.04	.02	.01			.03																					T	.08	.03	
NOOMAN	.38		.20																											.18		
NORTONVILLE	.29			.05				.16																						T	.08	
OAKES	.49			.14				.04	.09		T								T											.02	.20	
PARK RIVER	.02	T						.01			.01								T					T				T				
PARSHALL	.19		.02	.05				.05																						.05	.02	
PEMBINA 2 N	.16							.11		.05																							
PETERSBURG	.09	T					-T	.04			.02								T									T			.03	
PETTIBONE	.29			.10				.08																					T	.03	.08	
PORTAL	.31			.20																											.11	
POWERS LAKE 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRETTY ROCK	.11		T					.06			T										T									.03	.02	T
RAUB 10 SSW	.05		.02							T																			T	.03	T	
REEDER	.14							.11																						.03	T	
REEDER 14 N	.06			T				.06																								T	T
RICHARDTON ABBEY	.32		.05				T	.22										T											T	.04	T	.01
RIVERDALE	.25			.06				.01	.06																					.02	.10	T
ROLLA	.19	T		.08				.03		T	.08																				T	T
RUGBY	.22			.14			T	T			.01													T	T					.02	.05	
RYDER	.12		.05							.02																					.05	
SAN HAVEN	.25			.17				T		T	.04																			T	.04	
SELFRIDGE 11 W	.15		.05					.05																					.05			
SENTINEL BUTTE 20 S	.05		T					.05																			T			T		
SHARON	.15			.03				T			.08								T					T				T			.04	
SHERWOOD 3 N	.29		.09	.12			T	.02													T									.04	.02	
SHIELDS	.24		.04					.17																						.03		
STANLEY	.29		.12	T				.02																			T			.11	.04	
STEELE	.63	T	T	.12				.30																						.16	.05	
SYKESTON	.11		T			T					T																				.11	
TAGUS	.20		.02	.08			T	.04																						.02	.04	T
TIOGA 1 E	.29			.10				.03			T																	T		.04	.12	T
TOLLEY	-		-																											.50		
TOWNER	.23			.11																											.12	
TROTTERS 6 SE	.16		.08					.08		T																		T	T			
TURTLE LAKE	.13		T	.02																										.10	.01	
TUTTLE	.47			.05				.23		T																				.14	.05	
UNDERWOOD	.25			.03																											.22	
UPHAM 3 N	.12			.06				T			T																			T	.06	
VALLEY CITY	.49			.20				.05			.10			.01					.01											T	.12	
VELVA	.17			.09					T		.01																			T	.07	T
VERONA	.20			.10																										.03	.07	
WAHPETON STATE SCHOOL	.18			.07				T	T	T	.01								T												.10	
WALHALLA	T							T			T																	T				
WARWICK	.08			.04			T																								.04	
WASHBURN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATAUGA S OAK 8 N	.12							.12																					T			
WATFORD CITY	.29		.04					.14																					.03	.08		
WATFORD CITY 14 S	.15		.10					T																					T	.05		
WESTHOPE	.15		.06	.03																										.06		
WILDROSE	.21		.13																											.08		
WILLISTON WB CITY R//	.30		.04	T			T	.11		T																		T	.02	.10	.03	
WILLISTON EXP FARM	.14		.07					.05			T																				.02	
WILLOW CITY	.05			.05				T																						T	T	
WILTON	.29		T	.03				.16																						.10		
WISHEK	.59			.09				.05	.40		T																		T		.05	T
WOODWORTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZAHL	.23		.07	T				.04																				T	T	.08	.04	

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
DELAYED DATA

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31
AUGUST 1957																																	
BOWMAN 9 SE	3.92								1.21										.73				1.35							.63		

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1957

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	37	25	40	43	45	27	31	35	53	36	28	48	43	43	43	38	39	50	40	50	52	47	40	45	38	35	40	23	12	13	17	37.3
	MIN	23	18	24	22	22	17	17	17	34	5	3	18	27	21	26	16	27	28	23	20	25	29	17	18	20	11	16	-4	0	-15	-17	16.4
AMENIA	MAX	37	19	27	34	34	32	23	31	41	40	18	43	41	38	43	40	40	35	39	44	36	38	39	45	42	30	30	17		-1	2	32.6
	MIN	16	5		14	13	13	9	8	22	-4	-8	7	27	25	29		25	30	19	16	14	21	15	13	18	6	5	-10	-12	-8	-16	10.8
AMIDON	MAX	44	37		44	50	44	34	33	45	56	18	40	47	40	51	41	38	38		43	49	52	42	42	42	36	40	31	29	34	12	39.7
	MIN	25	17	16	25	28	17	20	13	29	4	4	14	26	20	20	20	23	23		21	24	33	17	20	24	14	20	4	5	-3	-9	17.1
ARVILLA STATE PARK	MAX	32	22	28	34	38	34	24	28	43	38	24	39	39	39	36	38	35	37	40	46	41	42	30	41	33	31	29	16	1	-4	6	31.0
	MIN	-1	-6	9	16	16	14	16	4	21	-2	-14	-5	13	17	28	5	20	24	11	8	12	11	9	10	8	1	13	-19	-11	-18	-24	6.0
ASHLEY	MAX	37	28	30	36	44	25	26	30	45	38	23	45	42	42	42	35	38	44	42	53	48	43	39	43	40	34	33	24	5	3	6	34.3
	MIN	28	15	12	12	19	18	10	6	26	2	-5	10	24	17	26	14	30	28	23	17	20	20	19	20	17	10	22	-1	-6	-5	-21	13.8
BEACH	MAX	44	35	31	44	51	45	36	31	42	56	15	40	48	38	49	42	40	42	49	41	49	53	41	42	43	35	49	31	20	35	10	39.6
	MIN	25	20	17	20	26	19	20	15	27	5	3	8	24	18	21	14	29	27	24	19	26	28	19	17	21	13	23	7	8	-2	-7	17.2
BELCOURT INDIAN RES	MAX	29	14	20	27	41	19	23	21	41	34	13	40	34	33	34	34	32	38	36	44	36	33	25	29	29	23	28	10	-6	-3	5	26.3
	MIN	12	-7	11	-1	14	15	14	2	20	-7	-17	5	27	13	23	-2	27	27	22	7	8	20	6	13	18	-4	8	-19	-23	-20	-16	6.3
BELFIELD	MAX	39	32	43	51	43	31	32	43	55	35	34	48	41	48	43	39	35	49	39	50	52	42	41	44	39	43	37	22	27	18	19	39.2
	MIN	22	19	18	17	27	21	22	13	35	4	3	22	19	14	23	16	23	25	22	26	25	27	21	22	12	11	15	5	5	0	-7	17.0
BEULAH	MAX	39	35	32	36	42	47	27	32	42	52	15	30	49	38	45	41	39	42	51	42	50	50	44	42	46	36	38	30	3	5	0	36.1
	MIN	13	14	14	11	10	14	20	10	12	8	-3	2	21	11	12	9	14	25	21	25	16	19	17	13	13	9	11	-5	-7	-2	-25	10.4
BISBEE	MAX	27	16	23	27	31	25	25	28	36	34	15	37	33	35	32	33	35	37	36	42	37	35	30	33	31	31	25	11		-3	5	28.1
	MIN	10	0	13	5	12	17	18	2	27	-5	-11	6	25	15	16	18	29	29	27	12	18	18	9	10	14	6	11	-15	-19	-17	-19	9.1
BISMARCK WB AP	MAX	37	26	35	36	40	24	31	35	48	32	27	49	41	41	44	39	41	50	42	53	50	47	42	43	38	36	35	13	5	5	13	35.4
	MIN	20	16	20	11	15	19	12	9	32	4	2	14	20	15	20	15	26	21	19	16	19	20	20	20	16	13	13	-5	0	-17	-24	12.9
BOTTINEAU	MAX	29	21	17	24	25		24	28	35	37	3	28	40	33		35	33	34	41	35	43	37	38		33	30	26	18	-2	-4	-3	26.4
	MIN	14	-2	4	1	10		17	0	8	-7	-10	-5	19	9		7	11	19	17	9	12	20	7		13	1	7	-17	-18	-13	-23	3.9
BOWBELLS	MAX	33	21	31	35	39	37	24	35	35	33	26	42	37	42	40	40	40	46	35	44	45	40	37	33	32	40	34	11	-6	-5	10	31.8
	MIN	17	11	17	12	15	14	12	10		-1	0	19	25	16	24	13	27	25	25	17	20	23	9	13	13	7	9	-16	-12	-16	-25	10.8
BOWMAN COURT HOUSE	MAX	41	30	45	53	44	37	43	44	59	40	37	47	42	51	48	40	35	51	41	48	54	44	41	43	38	37	41		33			43.1
	MIN	24	20	19	22	28	17	24	15	27	4	3	20	24	12	21	25	24	21	25	18	22	25	18	14	21	13	22				-11	18.5
BUTTE	MAX	40	31	27	36	35	44	28	28	45	47	10	38	46	38	41	41	39	41	49	40	49		33	34	39	34	36	27	-3	0	-5	32.9
	MIN	24	3	10	15	15	19	17	11	20	0	0	3	29	19	23	17	22	27	28	20	15		15	19	20	11	14	-8	-15	-10	-20	12.1
CARRINGTON	MAX	33	31	21	31	33	39	22	28	39	42	6	25	45	37	40	41	35	36	42	40	46	38	42	29	49	35	34	23	-1	-2	-2	30.9
	MIN	18	8	8	12	11	17	17	9	22	-1	-2	-1	24	19	21	13	14	29	26	17	16	21	15	17	17	10	15	-10	-11	-10	-22	10.9
CARSON NO 2	MAX	46	39	28	42	50	44	29	31	43	49	14	32	49	41	45	43	40	40	50	42	52		47	42	46	39	37	31	8	16	5	37.3
	MIN	20	17	18	17	28	19	18	7	19	6	-1	8	26	12	23	19	26	24	21	18	20		11	11	20	9	11	-1	0	-6	-18	13.4
CAVALIER	MAX	33	16	23	32	34	24	24	25	41	37	15	35	36	34	39	37	37	37	39	46	41	31	28	39	35	21	27	10	-7	-8	9	28.1
	MIN	9	0	3	20	12	14	18	11	22	-7	-8	8	15	18	30	9	24	32	19	16	13	24	10	9	4	4	10	-15	-19	-20	-15	8.7
CENTER	MAX	35	31	34	37	43	31	30	40	51	37	27	49	42	40	43	38	40	51	42	43	49	45	42	48	38	30	38	20	4	4	14	36.0
	MIN	26	12	12	16	10	18	15	10	37	4	-4	12	23	12	22	15	26	21	18	9	15	17	15	15	12	5	15	-9	-3	-9	-30	11.5
COOPERSTOWN	MAX	32	18	27	32	38	34	24	26	40	38	18	42	38	38	39	35	34	37	38	44	36	36	35	40	37	28	28	17	-3	-3	3	29.9
	MIN	17	3	11	12	12	15	16	5	21	-4	-5	8	27	17	28	12	27	30	21	15	17	22	13	14	18	7	15	-11	-14	-12	-21	10.8
CROSBY	MAX	33	25	35	35	35	25	26	35	44	34	27	44	39	38	37	39	40	41	35	45	42	40	37	37	33	33	36	9	-4	-3	10	31.7
	MIN	5	12	17	12	18	15	17	13	32	1	1	20	25	11	16	12	22	27	23	19	19	19	13	13	11	11	8	-14	-9	-16	-22	11.3
DEVILS LAKE WB CITY	MAX	29	18	26	31	36	21	25	32	39	16	19	40	34	40	36	37	35	40	37	47	36	35	23	37	33	27	26	-3	-3	-7	6	27.4
	MIN	7	2	13	13	17	12	16	8	16	-5	-4	12	20	19	21	15	30	27	22	19	17	22	10	19	12	9	-3	-13	-15	-12	-16	10.0
DICKINSON CAA AP	MAX	36	31	42	49	47	31	33	42	52	27	35	47	38	47	41	38	36	49	39	49	51	42	41	44	38	37	32	14	27	16	21	37.8
	MIN	20	19	19	22	21	21	15	18	26	6	5	29	20	19	22	23	24	26	21	25	28	24	21	19	13	19	14	4	4	-8	-5	17.2
DICKINSON EXP STATION	MAX	46	36	32	44	49	49	35	32	41	53	14	41	49	40	49	42	39	37	52	41	50	52	43	41	45	36	40			22	11	40.0
	MIN	20	19	19	18	20	20	20	16	24	5	5	7	25	19	19	22	25	26	28	19	28	25	20	20	19	10	20	4	3	2	-8	16.7
DRAKE	MAX	39	27	26	35	34	42	23	27	41	45	11	32	46	40	40	42	35	40	48	41	48	48	44	32	40	32	32	26	-1	-2	-3	32.6
	MIN	8	7	10	14	15	19	19	12	23	1	-1	2	21	19	20	15	16	28	26	19	16	22	15	18	18	9	17	-11	-13	-9	-19	11.5
DUNN CENTER 2 SW	MAX	45	34	31	41	42	46	31	30	49	52	13	40	47	47	45	38	38	38	49	39	48	50	41	41	42	33	33	29	6	10	10	36.7
	MIN	24	16	16	18	20	18	19	17	25	6	4	4	29	17	23	14	18	25	27	18	23	24	21	11	20	14	18	-1	-1	-8	-17	14.9
ECKMAN 2 SE	MAX	36	30	21	26	33	39	22	26	40	41	9	26	43	35	38	40	35	43	48	38	47	46	35	29	41	30	31	22	-6	-4	-6	30.1
	MIN	10	0	9	11	9	19	18	7	10	-1	-3	2	24	17	24	10	6	22	24	15	15	21	10	14	17	6	9	-16	-15	-14	-24	8.3
EDGELEY EXP FARM	MAX	38	39	20	36	36	44	23	22	43	47	9	29	46	42	42	44	37	37	44	42	53	46	45	37	45	42	36	30	6	1	0	34.2
	MIN	21	13	14	15	14	19	19	9	14	3	-1	2	18	21	24	18	20	32	28	16	15	18	21	15	16	12	11	-3	-7	-7	-24	12.5
EDMORE 1 W	MAX	29	18	25	31	31	30	25	24	37	37	15	37	35	38	35	36	35	38	37	45	39	34	32	37	34	33	27	15	-2	-3	4	28.6
	MIN	14	-1	12	12	14	15	10	6	20	-7	-12	0	20	12	25	6	30	30	18	16	12	21	10	10	17	3	12	-16	-19	-16	-19	8.2
ELLENDALE	MAX	39	22	31	37	44	36	25	33	48	42	25	47	43	41	45	37	37	45	42	53	46	50	43	46	43	36	36	19	3	4	9	35.7
	MIN	18	16	15	15	20	19	20	6	23	4	-2	10	31	20	32	18	33	34	23	16	20	23	25	15	15	11	17	0	-5	0	-18	15.3
ENDERLIN	MAX	34	38	21	28	36	39	24	25	37	44	5	21	45	42	39	44	36	35	37	39	46	38	41	33	46	42	33	31	1	1	-1	31.6
	MIN	10	9	9	11	14	21	9	6	12	1	-6	-3	11	20	19	13	11	30	23	18	15	12	20	14	18	12	15	-6	-10	-9	-21	9.6
FAIRFIELD	MAX	38	30	46	44	43	28	32	40	51	33	38	45	44	45	45	37	35	47	47	48	48	43	39	41	38	39	36	24	20	14	18	37.9
	MIN		14	10	22	20	18	21	19		5	10	19	20	23	22	20	24	28	22	9	25	24	19	17	16	12	16	-1	-3	-7	-9	15.0
FARGO WB AP	MAX	36	17	26	33	35	24	25	27	44	29	15	39	40	38	43	37	38	37	40	45	36	41	34	45	42	31	29	10	2	3	3	30.5
	MIN	10	4	14	16	22	9	9	8	27	-2	-6	9	22	18	22	15	33	32	24	18	17	28	15	22	20	9	9	-7	-11	-5	-16	12.4
FESSENDEN	MAX	34	20	27	34	42	32	32	33	47	37	24	47	40	42	44	38	46	48	41	51	45	47	40	40	38	32	33	17	-2	0	10	34.2
	MIN	15	9	16	10	20	18	20	9	23	0	-1	14	29	19	28	14	20	25	25	16	15	23	17	17	22	10	15	-10	-12	-9	-23	12.7
FORMAN	MAX	40	19	29	37	39	33	24	29	45	39	20	44	42	42	42	37	38	38	41	45	47	47	40	46	44	35	35	25	3	4		35.0
	MIN	14	13	16	14	11		10	4	21	3	-2	9	28	17	30	18	28	33	22	17	16	26	25	17	21	10	21	-3	-7	-2		14.8
FORT YATES	MAX	47	41	29	37	42	41	25	32	48	55	16	28	50	43	46	44	40	41	51	44	57	51	49	44	45	42	40	32	12	14	6	38.5
	MIN	25	19	19	15	16	21	21	6	9	9	1	5	26	17	21	15	24	22	21	19	23	21	19	24	27	13	15	1	1	1	-16	14.8
FOXHOLM 7 N	MAX	39	27	31	34	40	22	30	34	43	36	23	45	42	41	44	45	42	49	40	46	42	46	42	45	34	35	37	24	-3	-5		35.0
	MIN	19	11	20	12	18	16	18	19		2	6	14	28	18	19	14	21	21	26	14	16	19	13	25	17	11	12	-5	-10	-12		13.9
FULLERTON	MAX	40	26	30	37	42	36	23	33	48	42	23	43	41	42	43	37	37	44	42	53	47	48	38	47	45	36	33	18	1	2	5	34.9
	MIN	25	14	15	12	18	19	20	7	21	4	-4	12	31	20	31	12	30	33	20	15	17	22	24	14	15	9	18	-1	-6	-2	-23	14.3
GACKLE	MAX	36	26	26	33	36	32	30	32	43	38	13	43	38	40	42	38	36	43	40	43	45	42	34	41	37	31	31	15	1	0	7	32.0
	MIN	18	14	14	18	20	18	5	12	30	-1	-6	4	21	17	20	17	30	28	21	17	21	21	21	22	20	11	15	-7	-11	-7	-24	12.9

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	36	43	30	28				35	42	45	13	37	45	47	40	41	35	40	49	35	50	46	46	42	37	34	35	28	-4	3	3	34.3
	MIN	10	10	13	20	23	12	10	15	31	3	2	9	25		25	14	25	26	27	26	20	18	20		15	10	10	-10	-8	-11	-21	12.7
GRAFTON	MAX	29	17	28	33	38	28	23	24	42	39	15	35	38	36	38	37	38	38	41	48	40	33	29			25	23	19	-4	-5	9	28.8
	MIN	14	-1	9	18	18	14	17	7	21	-7	-9	7	14	16	29	10	25	28	18	14	14	20	0						-17	-18	-15	9.5
GRAND FORKS CAA AP	MAX	32	15	26	33	35	24	25	27	42	18	15	37	39	37	39	34	39	37	41	44	33	36	26	43	38	31	30	-4	-4	-5	6	28.0
	MIN	7	2	12	18	20	16	16	8	17	-6	-9	8	17	17	20	13	32	26	19	15	14	23	11	12	16	6	1	-12	-16	-15	-16	9.4
GRAND FORKS UNIVERSITY	MAX	27	16	26	33	35	23	23	25	42	34	15	37	40	36	39	35	39	35	42	44	35	36	26	43	36	26	26	7	-4	-5	5	28.3
	MIN	9	0	9	16	18	13	13	7	21	-8	-9	5	14	15	25	11	27	31	17	15	11	12	9	14	17	3	7	-15	-18	-17	-18	8.2
GRAND RAPIDS 1 N	MAX	39	28	31	37	40	37	24	32	45	37	21	47	44	40	45	37	37	42	41	52	45	42	41	45	36	38	30	14	2	0	7	34.1
	MIN	10	13	16	5	19	19	20	-1	21	-5	-7	7	30	14	24	17	28	31	18	13	15	21	26	16	20	13	14	-8	-6	-4	-27	12.0
GRANVILLE	MAX	33	22	33	36	40	24	27	35	44	27	18	41	39		41	34	43			48	49	41	37	42	33	39	34	15	0	0	0	31.3
	MIN	18	10	19	16	18	20	20	12	27	1	0	15	20		25	12	28			18	15	25	13	15	20	9	12	-11	-10	-11	-22	11.9
GRENORA	MAX	44		40	36	34	33		36	38	38	28	43	44	40	38	33	41	42	37	45	49	44	41	41	35	40	38	28		4	13	36.5
	MIN	17		16	22	21	17		22		4	4	22	24	18	19	16	21	29	23	19	19	20	15	20		12	4	-11	-9	-14	-18	13.0
HANKINSON R R STATION	MAX	34	41	20	32	35	35	23	26	39	45	6	20	44	44	44	48	38	37	36	45	50	40	50	36	48	45	34	33	3	7	4	33.6
	MIN	10	11	11	16	18	20	5	12	11	4	-3	-4	13	18	20	16	18	27	20	20	18	17	18	19	20	11	11	-2	-6	-6	-11	11.4
HANNAH	MAX	27	15	23	31	38	21	24	23	37	27	14	35	33	35	34	36	34	38	32	42	32		20	34	32	25	25	3	-12	-6	7	25.3
	MIN	5	-6	9	5	11	14	17	3	21	-10	-14	7	20	9	20	7	28	25	19	12	10		6	9	1	8	2	-18	-22	-22	-15	5.4
HANSBORO	MAX	30	15	24	30	40	21	24	24	38	33	18	39	33	34	35	35	34	37	38	44	35	30	25		32	23	28	6	-6	-6	12	26.8
	MIN	10	-3	12	15	13	16	16	7	21	-8	-10	5	25	17	16	10	27	28	21	13	12	19	7		12	3	6	-18	-22	-19	-15	7.9
HETTINGER	MAX	39	29	45	49		33	35	43	57	37	34	49	46	50	43	41	35	50	40	52	54	44	42	47	39	41	35	21	34	19	23	40.2
	MIN	26	19	16	24	28	24	19	14	35	6	3	21	20	19	24	27	24	27	19	24	24	30	24	11	14	17	17	4	3	-4	-9	17.7
HILLSBORO	MAX	33	20	28	34	34	33	25	27	45	40	17	40	42	38	43	37	38	36	42	44	40	35	30	45	41	31	29	18	-1	-2		32.1
	MIN	12	2	12	13	20	18	10	10	20	-3	-6	8	15	19	25	11	30	32	19	15	16	23	14	14	18	8	18	-10	-14	-11		11.9
JAMESTOWN CAA AP	MAX	36	20	31	33	40	23	26	29	44	31	23	44	40	40	42	36	37	47	42	50	40	42	32	44	38	32	33	10	-1	-1	5	31.9
	MIN	18	10	15	12	17	18	18	7	23	-2	-3	11	23	19	23	16	30	27	24	17	17	21	19	17	17	11	10	-6	-8	-6	-21	12.7
JAMESTOWN STATE HOSP	MAX	39	22	29	34	40	32	25	28	44	37	22	43	39	38	42	35	36	44	40	50	40	42	39	42	41	38	33	18	0	0	5	32.8
	MIN	20	11	14	18	21	18	20	9	26	1	-1	12	31	20	19	15	31	32	25	18	20	24	22	18	18	12	17	-6	-8	-5	-21	14.5
KENMARE	MAX	41	30	29	36	35	39	25	26	43	42	11	38	45	35	41	40	40	40	46	36	45	46	38	38	40	29	37	26	-5	-4	-3	32.4
	MIN		6	8	15	11	10	11	14	21	0	0	5	28	20	22	12	12	28	29	21	20	22	10	17	20	10	10	-15	-15	-15	-22	10.5
KENSAL WILDLIFE REFUGE	MAX	35	23	26	34	42	35	27	29	45	40	22	45	42	42	43	35	37	45	42	48	44	43	31	43	38	33	34	20	6	0	9	33.5
	MIN	20	8	14	10	11	17	18	9	21	-1	-3	9	29	18	28	12	30	29	21	15	11	12	18	16	16	10	17	-9	-9	-8	-22	11.8
LANGDON EXP FARM	MAX	24	14	22	30	35	27	24	27	36	34	14	35	33	35	34	35	34	38	37	42	36	32	24	35	31	21	18	11	-4	-5	8	26.4
	MIN	13	-6	9	16	17	13	12	2	19	-11	-13	4	19	9	24	8	25	30	18	13	10	24	12	9	19	1	11	-19	-23	-21	-10	7.5
LARIMORE	MAX	31	19	28	35	40	31	23	29	43	36	20	40	39	40	40	37	36	36	40	48	41	31	30	40	38	28	28	11		-5	7	31.3
	MIN	10	-2	10	13	15	16	16	9	23	-5	-9	8	17	20	28	10	27	31	20	15	12	20	11	12	17	4	10	-14	-19	-16	-19	9.4
LEEDS	MAX	28	19	25	29	34	24	27	28	37	35	19	41	35	39	35	36	36	40	37	46	38	35	31	35	32	29	29	12	-3	-3	5	28.7
	MIN	10	1	11	9	20	18	20	4	27	-4	-6	12	27	18	27	8	31	30	25	18	15	25	10	17	22	7	12	-13	-16	-15	-21	11.3
LINTON	MAX	39	32	32	39	39	35	30	32	49	40	27	48	45	44	42	40	41	48	42	54	50	47	43	42	41	38	35	18	8	10	11	36.8
	MIN	19	15	8	6	19	16	20		20	2	-9	8	26	12	22	15	32	25	20	12	18	22	20	19	13	11	18	0	-1	0	-19	13.0
LISBON	MAX	39	27	32	36	40	35	24	29	44	41	22	46	44	41	45	42	36	41	40	45	44	42	41	47	44	35	34	25	2	2	2	34.4
	MIN	23	9	14	10	11	20	13	3	21	2	-5	6	28	17	30	13	30	34	20	16	15	22	24	13	21	9	22	-4	-8	-3	-24	13.0
LOSTWOOD 12 N	MAX	34	22	30	34	36	22	24	33	42	35	26	43	38	40	38	38	39	45	36	43										3	10	32.3
	MIN	12	7	15	8	11	12	16	11	30	-4	-2	12	25	15	21	8	25	24	22	18									-18	-20	-23	9.8
MADDOCK AGR SCHOOL	MAX	32	22	25	30	38	30	28	31	41	35	22	43	40	41	39	33	36	42	40	47	41	40	35	40	34	31	32	15	0	-2	7	31.2
	MIN	18	5	10	17	12	18	20	6	26	-3	-6	10	29	20	28	10	30	29	24	15	15	19	12	13	20	9	11	-12	-13	-13	-21	11.5
MANDAN EXP STATION	MAX	46	36	29	35	37	42	25	31	43	49	12	39	49	41	41	44	38	39	49	42	53	50	48	41	43	38	38	30	3	3	-2	35.9
	MIN	24	15	18	16	19	20	18	13	18	5	-2	4	28	16	19	15	22	25	23	17	21	21	18	19	22	13	20	-6	-6	-3	-21	13.9
MANDAN FT LINCOLN PARK	MAX	40	34	36	41	40	38	34	33	52	33	26	52	43	42	45	39	40	51	44	54	53	48	43	43	42	36	37	28	5	4	12	37.7
	MIN	27	13	11	15	21	17	15	10	25	3	-1	9	26	14	21	14	28	23	21	15	17	18	15	17	23	11	12	-9	-4	-7	-23	12.8
MARMARTH	MAX	49	41	36	48	57	48	37	34	54	62	18	42	50	40	54	44	42	48	54	41	50	56	42	44	45	38	44	35	32	37	19	43.3
	MIN	25	27	25	19	19	21	22	13	29	8	3	10	21	13	20	21	25	18	19	17	20	24	18	15	20	14	25	7	8	3	-13	16.6
MAX	MAX	41	31	28	34	34	41	23	28	41	44	11	36	45	37	38	41	37	39	48	40	48	46	44	38	40	30	34	28	-2	2	-6	32.9
	MIN	19	9	10	11	12	15	17	12	15	2	0	2	25	14	18	13	23	24	24	16	11	23	20	13	14	10	15	-12	-12	-9	-23	10.7
MAYVILLE	MAX	32	18	27	34	33	33	25	28	44	39	18	41	39	39	42	35	36	36	36	45	41	41	35	43	41	31	30	17	3	2	7	31.3
	MIN	12	5	12	17	18	16	16	8	24	-3	-5	8	20	20	30	12	30	33	23	17	17	27	15	22	26	9	17	-4	-12	-8	-18	13.0
MC CLUSKY	MAX	34	21	27	35	40	30	28	31	44	36	25	46	39	41	40	38	49	45	40	48	46	45	36	38	34	32	32	18	1	0	7	33.1
	MIN	16	10	14	13	18	16	18	11	30	-1	0	13	25	16	16	13	30	24	22	17	15	21	20	18	21	9	15	-12	-5	-8	-23	12.6
MC HENRY 5 N	MAX	30	20	26	30	37	29	24	30	40	35	21	42	36	37	39	33	33	40	39	46	40	36	35	40	35	27	27	10	-4	-4	6	29.5
	MIN	15	3	12	9	11	14	17	2	22	-5	-7	9	23	15	26	12	27	28	21	14	13	21	11	14	17	5	10	-12	-14	-13	-22	9.6
MC LEOD 3 E	MAX	38	23	29	35	37	24	25	30	47	38	20	45	43	42	45	36	36	35	43	45	41	46	39	46	44	34	32	20	13	5	6	33.6
	MIN	18	8	11	13	17	18	15	6	24	2	-8	5	27	15	31	15	28	34	23	15	15	23	22	16	17	8	20	-7	-8	-3	-20	12.9
MC VILLE	MAX	30	17	26	32	37	30	25	27	40	34	19	40	36	38	38	35	33	41	38	45	39	36	30	39	36	27	27	11	-4	-4	7	29.2
	MIN	14	1	10	11	15	15	16	4	22	-5	-10	5	26	16	27	10	27	30	20	14	15	21	11	12	12	5	10	-13	-16	-14	-20	9.4
MEDORA 3 NNE	MAX	44	31	47	53	44	37	34	45	59	38	38	50	43	49	49	46	39	52	42	51	52	44	44	46	42	44	38	19	38	28	26	42.3
	MIN	26	21	18	18	16	21	20	10	34	8	2	19	25	12	30	14	27	23	22	13	20	19	21	12	15	9	17	7	8	-1	-7	16.1
MINOT CAA AP	MAX	34	27	36	36	39	22	25	41	44	19	25	45	37	39	41	36	41	47	38	47	47	41	36	40	33	37	33	-4	-2	-3	13	31.9
	MIN	11	8	19	15	19	17	18	16	18	1	2	24	25	21	23	17	28	27	20	20	19	16	15	22	13	13	-4	-14	-11	-17	-17	12.4
MINOT EXP STATION	MAX	40	30	28	30	35	39	24	26	43	45	10	37	45	37	38	40	38	41	47	39	48	45	42	34	38	31	35	27	-4	-2	-7	32.2
	MIN	23	7	9	13	15	18	18	14	14	1	-1	3	29	18	24	16	17	27	27	18	20	23	17	21	20	9	13	-14	-14	-11	-21	12.0
MOFFIT 4 SE	MAX	37	32	30	37	38	36	30	30	49	41	24	48	45	43	43	38	40	51	47	53	50	42	42	42	40	34	37	25	4	4	10	36.2
	MIN	24	10	18	9	13	20	13	4	28	3	-4	9	29	15	21	13	32	21	20	14	17	22	15	19	16	10	20	-4	-4	-5	-25	12.7
MOHALL	MAX	35	20	29	35	40	25	26	35	40	36	25	43	40	39	40	34	40	48	38	45				42	32	30	35	12	-6	-6	12	30.9
	MIN	9	2	17	10	17	16	14	11	34	0	-1	15	26	18	23	9	25	25	23	16	18	24	10	14	18	9	9	-16	-14	-16	-25	11.0
MOTT	MAX	40	32	44	55	47	38	34	40	53	42	34	48	43	52	48	40	40	53	41	52	56	45	43	46	39	39	36	26	25	18	22	41.0
	MIN	23	17	13	12	19	19	18	13	29	5	-4	16	20	19	17	13	23	20	19	12	16	21	19	14	13	10	22	3	-2	-7	-13	13.5
MUNICH 4 SW	MAX	26	18	29	29	34	27	29	22	38	31	24	37	37	35	34	35	37	37	32	42	36	32	25	34	31	24	25	12	-1	1	1	27.5
	MIN	-6	-6	7	9	12	11	11	-2	17	-10	-15	3	25	22	18	5	19	22	19	9	9	19	6	9	9	-1	5	-19	-22	-23	-21	4.5

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NAPOLEON	MAX	36	21	28	37	40	23	29	31	44	40	21	44	40	40	40	37	39	43	40	48	46	43	39	40	38	33	35	23	3	3	7	33.3
	MIN	18	13	16	13	21	19	21	5	28	2	-4	11	27	17	27	15	31	30	25	19	19	26	21	24	21	11	21	-4	-5	-6	-28	14.6
NEW ENGLAND	MAX	39	28	44	53	47	35	33	41	54	35	35	48	39	52	48	40	32	51	40	50	54	43	42	44	38	39	38	22	29	27	22	40.1
	MIN	23	19	18	18	22	20	14	15	35	6	1	19	22	13	21	16	24	25	24	16	22	21	21	13	14	9	15	4	5	-4	-11	15.5
NEW SALEM 1 S	MAX	37	24	35	40	44	26	31	36	48	35	27	48	41	43	42	38	38	51	48	51	51	45	41	45	38	31	32	20	5	6	16	35.9
	MIN	20	12	17	20	20	15	13	13	33	2	0	17	22	19	22	18	26	25	25	22	21	30	17	15	15	14	17	-6	-2	-12	-18	14.6
NEWTOWN	MAX	39	25	32	36	38	22	28	36	45	36	26	46	41	37	42	36	39	49	39	48	48	46	39	43	38	33	35	26	4	2	8	34.3
	MIN	22	12	19	12	15	17	19	12	31	3	0	17	26	15	24	13	25	25	26	18	22	19	22	14	16	10	15	-9	-4	-7	-22	13.8
OAKES	MAX	35	39	20	34	37	41	23	25	36	45	8	19	46	42	42	46	38	38	40	41	51	48	48	36	47	43	36	30	5	2	1	33.6
	MIN	18	13	13	10	9	20	17	0	10	4	-4	-1	14	14	18	15	17	34	20	13	15	19	24	15	19	9	11	0	-7	-5	-21	10.7
PARK RIVER	MAX	30	14	27	35	40	33	24	25	41	38	19	39	37	41	38	40	37	38	40	48	42	33	27	40	37	27	28	13	-4	-6	9	30.0
	MIN	10	0	11	23	16	17	17	12	24	-5	-5	6	18	20	29	14	26	33	22	15	15	20	12	11	15	5	13	-13	-17	-16	-15	10.7
PARSHALL	MAX	37	25	33	37	38	23	29	35	45	37	27	46	40	39	40	37	41	47	38	47	50	41	38	42	38	32	34	25	3	1	7	33.9
	MIN	23	11	18	5	10	18	18	6	32	2	-1	15	25	12	22	20	27	22	22	16	17	17	20	15	8	2	6	-10	-5	-13	-25	11.5
PEMBINA 2 N	MAX	24	12	25	29	31	23	22	24	37	35	11	31	34	33	34	35	37	36	40	38	38	30	30	37	35	30	29		-15	-12	9	26.7
	MIN	9	-5	5	17	19	13	18	7	23	-9	-12	7	14	13	21	8	22	33	12	11	11	22	1	5	22	5	14		-20	-22	-20	8.1
PETERSBURG	MAX	27	17	24	31	37	30	23	26	39	35	16	38	36	37	36	37	33	36	37	45	38	32	30	38	34	25	25	12	-7	-8	5	27.9
	MIN	12	0	11	14	19	15	16	6	23	-5	-7	8	24	15	27	10	27	29	22	15	13	24	10	12	19	5	12	-13	-18	-15	-17	10.1
PETTIBONE	MAX	36	20	25	34	38	33	28	27	42	40	20	44	40	41	40	36	36	45	40	47		44	40	39	36	32	33	20	-2	-2	4	31.9
	MIN	10	8	14	9	19	17	17	2	22	-2	-8	6	28	12	21	12	30	24	21	14		11	21	19	18	6	16	-10	-8	-8	-25	10.5
PORTAL	MAX		27	27	33	37	31	28	26	39	38	9	35	41	46		37	39	41	43	38			36	37		37	34	23	-6	-6	0	29.6
	MIN	19	7	8	10	14	13	14	11	15	-3	-3	4	24	16	21	14	16	25	25	17	20	22	7	14		8	7	-20	-19	-17	-20	9.0
POWERS LAKE 1 N	MAX																																
	MIN																																
RAUB 10 SSW	MAX	40	32	38	40	46	30	32	41	49	38	29	48	44	42	42	38	41	51	41	51	50	45	40	44	39	33	40	20	5	5	12	37.0
	MIN	19	14	19	23	21	20	21	19	34	4	4	23	31	18	25	19	29	26	23	26	24	30	21	17	22	15	14	-12	-2	-11	-15	16.8
RICHARDTON ABBEY	MAX	41	30	41	46	49	35	31	39	52	39	30	48	43	45	44	38	39	49	41	48	51	44	40	42	37	31	38	25	14	14	17	38.1
	MIN	28	16	19	22	31	17	20	16	35	4	2	20	27	17	24	23	25	26	28	19	24	27	18	15	24	13	20	-2	2	-5	-12	17.5
RIVERDALE	MAX	42	33	31	37	37	40	25	30	47	45	14	40	46	38	42	41	38	40	48	40	48	47	42	37	41	34	35	28	1	1	-4	34.3
	MIN	20	11	12	14	14	19	19	17	16	5	1	2	32	18	19	15	22	25	25	18	19	24	24	14	16	15	18	-10	-11	-5	-19	13.2
ROLLA	MAX	30	15	22	28	41	20	25	28	41	32	14	41	35	34	35	33	34	40	36	44	34	33	23	32	31	24	28	0	-5	-6	5	26.7
	MIN	9	-2	12	11	16	15	15	6	28	-7	-6	8	22	16	24	10	28	27	22	15	13	18	9	16	16	5	-1	-17	-19	-20	-15	8.8
RUGBY	MAX	30	20	25	28	33	25	27	29	40	36	21	42	38	38	38	36	35	42	39	46	42	36	33	37	35	28	28	16	-2	-2	8	29.9
	MIN	17	1	15	8	15	18	18	6	27	-3	-4	12	28	16	26	11	28	26	24	17	15	26	10	16	20	8	11	-13	-15	-14	-20	11.3
SAN HAVEN	MAX	30	14	16	27	39	19	26	21	41	35	15	40	34	34	32	32	33	38	36	44	37	35	27	30	29	25	25	11	-7	-7	0	26.2
	MIN	9	0	2	10	13	15	15	6	21	-6	-8	9	27	15	26	9	28	25	24	11	12	27	7	15	13	5	8	-19	-20	-17	-16	8.6
SHARON	MAX	31	18	27	32	37	30	24	27	41	35	18	40	38	37	38	36	33	34	39	42	41	38	31	40	36	27	26	12	-4	-4	6	29.2
	MIN	7	2	9	14	17	15	15	5	21	-5	-7	7	27	15	24	12	26	29	20	15	15	22	11	12	20	5	12	-12	-17	-15	-18	9.8
STANLEY	MAX	34	24	33	34	38	21	26	36	42	36	26	43	38	36	39	36	39	45	36	45	46	39	36	39	32	29	33	12	-2	-4	9	31.5
	MIN	18	9	17	11	18	13	16	14	32	0	-1	17	21	16	22	12	24	26	24	24	16	21	17	14	19	8	10	-13	-9	-18	-20	12.2
STEELE	MAX	28	27	29	38	41	36	30	28	46	43	22	48	43	40	43	37	39	47	46	53	46	47	42	39	37	33	33	21	10	1	8	34.9
	MIN	12	11	15	14	23	19	20	7	25	1	-4	10	27	15	23	16	33	26	26	22	17	24	21	22	20	10	17	-10	-5	-6	-23	13.8
TIOGA 1 E	MAX	41	28	29	32	34	34	26	26	41	40	10	35	42	35	38	38	35	38	44		46		37	38	39	28	34	25	0	1	2	30.9
	MIN	14	13	13	11	12	14	15	11	18	2	-1	4	25	17	20	12	17	24	23		16		17	18	20	10	12	-10	-10	-11	-24	10.4
TOWNER	MAX	32	22	29	32	39	25	27	32	40	36		45	38	41	40	38	40	48	40	47	47	40	29	39	40		30	14	-4	-4	12	32.2
	MIN	11	2	18	8	16	18	19			-4	-8		26	18	19	10		24	21	12	11	26	9				8	-14	-14	-12	-12	8.8
TURTLE LAKE	MAX	35	23	32	36	40	25	28	35	45	37	25	47	42	39	42	39	41	48	41	49	45	46	38	40	33	33	33	20	0	0	10	33.8
	MIN	17	9	11	12	18	16	16	11	32	0	-1	13	24	15	26	12	26	23	25	18	14	15	19	13	13	10	14	-13	-6	-10	-24	11.9
UNDERWOOD	MAX	41	34	30	36	36	40	25	29	44	50	22	35	47	38	42	39	40	48	41	49	45	37	38	37	38	42	35	28	12	2	-5	34.7
	MIN	19	11	12	17	19	18	16	12	14	2	1	1	27	17	15	22	24	26	16	13	21	15	16	15	16	12	13	-12	-12	-6	-25	11.5
UPHAM 3 N	MAX	30	20	29	31	38	23	28	29	40	36	22	43	38	38	39	35	40	48	38	48	43	37	34	39	38	31	28	13	-2	0	10	31.1
	MIN	18	11	17	5	8	19	19	1	27	-3	-7	11	20	17	25	8	29	22	18	14	19	27	10	15	6	3	9	-15	-15	-13	-25	9.7
VALLEY CITY	MAX	35		29	31	38	37	26	27	42	38	17	44	42	38	40	42	35	37	39	46	35	37	39	43	38	31	33	21	1	1	3	32.2
	MIN	10	8	12	15	21	18	17	8	24	0	-4	9	31	17	31	13	28	32	20	16	17	21	21	15	22	10	21	-6	-10	-6	-18	13.3
VELVA	MAX	42	32	29	36	36	41	24	27	45	46	12	38	46	39	40	42	37	41	48	41	49	48	46	37	41	33	36	28	-3	-1	-5	33.9
	MIN	22	8	10	13	13	21	20	13	23	2	-3	-1	31	21	22	10	10	23	21	17	15	23	16	21	20	11	15	-11	-12	-10	-22	11.7
WAHPETON STATE SCHOOL	MAX	39	20	25	34	37	34	25	31	44	37	18	40	43	42	45	35	37	37	45	49	42	45	39	43	43	38	31	23	6	9	5	33.6
	MIN	17	6	13	14	24	14	7	8	21	0	-6	8	27	18	26	16	30	33	22	18	17	29	21	20	23	8	21	-5	-7	3	-20	13.7
WASHBURN	MAX																																
	MIN																																
WATFORD CITY	MAX	36	31	40	41	44	34	29	40	49	37	36	44	41	45	44	37	39	49	39	48	52	41	42	45	38	43	42	28	12	6	17	37.7
	MIN	19	19	18	20	23	18	22	18	35	7	4	24	28	19	25	16	26	28	28	22	27	22	17	16	21	14	18	-1	3	-7	-13	17.3
WATFORD CITY 14 S	MAX	33	33	44	44	46	28	31	45	55	39	35	47	48	48	47	38	38	50	41	51	53	43	42	45	42	43	44	29	15	13	8	39.3
	MIN	30	19	19	18	18	18	20	14	36	6	2	22	31	17	29	14	27	24	25	18	24	22	16	16	18	12	19	4	4	-11	-13	16.7
WESTHOPE	MAX	31	18	29	29	34	23	20	29	39	20	19	41	35	36	37	32	38	45	36	43	36	34	24	40	29	29	27	6	-5	-4	12	27.8
	MIN	0	-4	16	8	10	16	9	6	19	-5	-7	9	21	16	17	8	27	23	16	16	18	11	8	14	8	7	-4	-17	-14	-17	-22	6.9
WILLISTON WB CITY	MAX	35	30	40	40	39	29	31	43	47	21	31	45	39	42	39	37	40	47	39	48	49	41	41	45	37	41	35	4	9	3	17	35.0
	MIN	20	18	19	22	20	18	23	20	21	7	8	25	24	20	18	16	30	27	25	26	28	24	18	20	18	18	1	-5	0	-16	-13	16.1
WILLISTON EXP FARM	MAX	36	27	36	36	38	25	28	40	44	35	29	42	40	37	40	34	39	42	37	46	46	39	38	42	34	39	39	25	7	6	13	34.2
	MIN	22	14	16	18	20	10	19	18	34	4	3	19	26	10	24	15	24	23	25	20	24	25	12	16	17	13	17	-8	-4	-13	-13	14.5
WILLOW CITY	MAX	30	18	26	26	33	22	29	28	40	36	21	41	36	38	38	35	36	44	37	45	42	39	30	36	29	28	26	12	-3	-2	6	29.1
	MIN	9	-6	12	-2	3	17	13	-1	24		-11	4	26	12	24	2	29	18	14	12	13	13	9	12	10	6	9	-16	-17	-15	-26	6.6
WILTON	MAX	35	22	28	36	40	32	26	31	46	37	22	45	38	39	38	36	37	45	40	50	45	42	36	38	32	32	34	20	10	0	10	33.0
	MIN	15	8	15	18	18	15	13	11	22	-3	-4	10	25	13	22	18	25	24	24	14	18	23	17	14	12	9	12	-14	-9	-10	-21	11.4
WISHEK	MAX	38	36	25	35	38	43	23	24	42	44	9	24	44	39	41	41	37	37	44	42	50	47	44	36	42	38	34	26	1	2	2	33.2
	MIN	19	12	11	11	11	19	20	9	10	3	-4	-4	19	12	21	12	25	27	18	12	15	22	18	18	15	9	14	0	-5	-5	-28	10.8

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1957

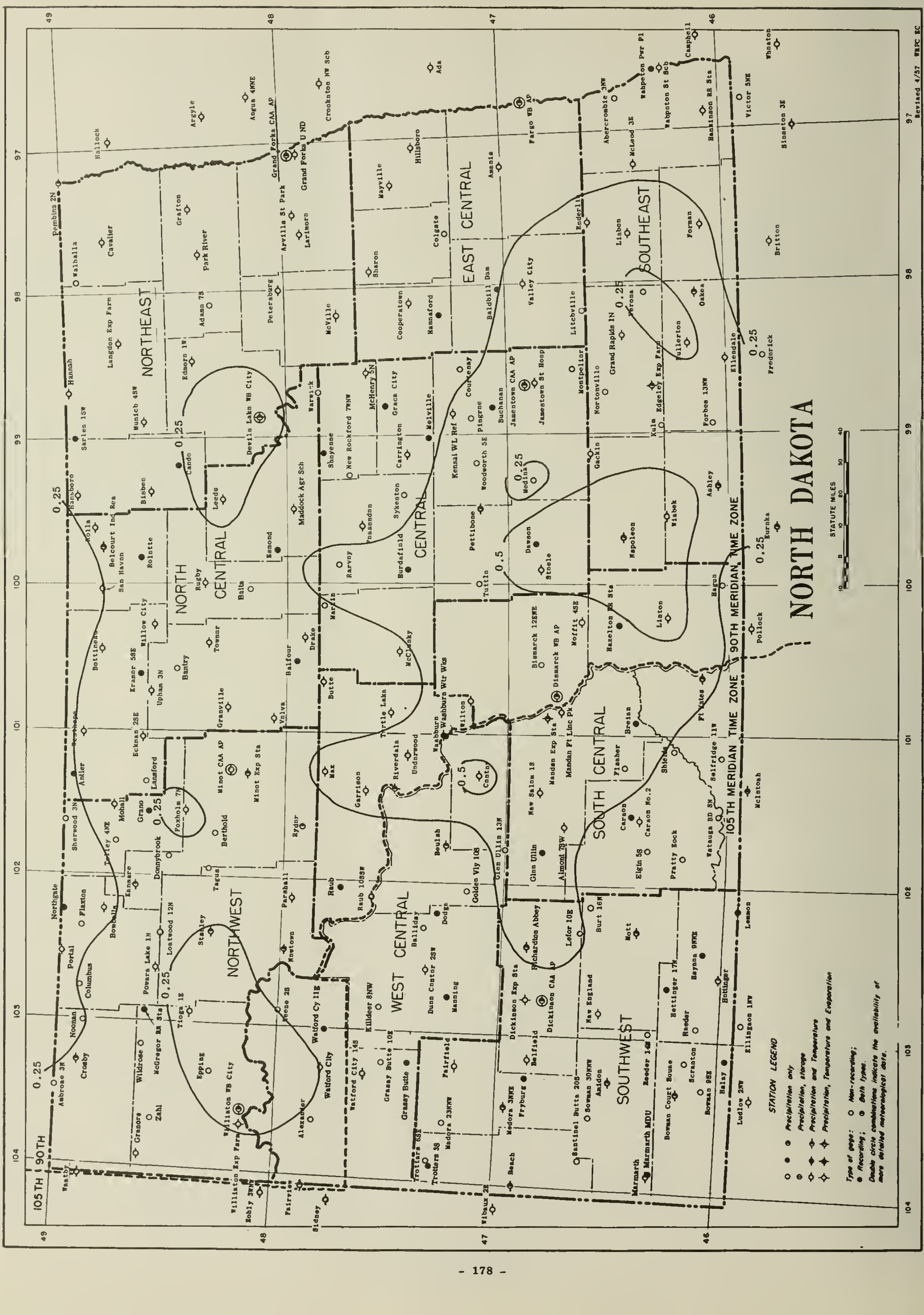
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL		1.0					2.0																						1.0		T
	SN ON GND		1					2	2																					1	1	1
AMENIA	SNOWFALL			T				1.0			T																				2.0	
	SN ON GND			T	T	T	T	1	1		T	T																			2	2
AMIDON	SNOWFALL			T		T		1.0	T																					1.0		
	SN ON GND	1	1	1		T		1	1																					1	-	-
ASHLEY	SNOWFALL		.5	.5				4.0																						1.5		
	SN ON GND		1	1	T			4	4	2	2	2	1	1	1	1	1	T												1	1	1
BEACH	SNOWFALL		T	T				.5	T		T																	T		T	T	
	SN ON GND	T	T	T	T	T	T	1	1	T	T	T	T															T	T	T	T	T
BELCOURT INDIAN RES	SNOWFALL	T		2.7				.5			.4																				T	T
	SN ON GND	1	1	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BEULAH	SNOWFALL			-				-	-																						1.0	
	SN ON GND			-	-	-	-	-	-																						1	1
BISMARCK WB AP	SNOWFALL		1.0	T		T	T	2.7			T																		.4	1.6	T	
	SN ON GND	T	T	1	1	1	1	2	3	2	T	T	T																	1	2	2
	WTR EQUIV							.2	.3	.2																					.1	.1
BOTTINEAU	SNOWFALL			.7				T			T			T							T										.1	
	SN ON GND	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T	T	T
BOWBELLS	SNOWFALL		T	1.0																								T		1.0	.5	
	SN ON GND	T	T	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	1
BUTTE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARSON NO. 2	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAVALIER	SNOWFALL	.1		T			T	.1			.5													T				T				
	SN ON GND	2	2	2	1	1	1	1	1	T	T	T	T	T	T	T	T							T				T	T	T	T	T
CENTER	SNOWFALL		T	.5				3.0																						2.0	1.0	
	SN ON GND	T	T	1	1	T	T	3	2	T	T	T																		2	3	3
CROSBY	SNOWFALL		3.0			T																								1.0	1.5	
	SN ON GND		3	2	2	2	2	2	1	T	T	T																		1	2	2
DEVILS LAKE WB CITY	SNOWFALL	T	.9	.7		T	T	.4		.7	T			T				T					T	T			T	.1	T	1.0	.3	T
	SN ON GND	T	T	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	1	1
DICKINSON CAA AP	SNOWFALL		.2				T	1.3		T	T																	T	T	T	T	T
	SN OK GND		T	T	T		T	1	1	T	T																			T	T	T
DUNN CENTER 2 SW	SNOWFALL		T					1.0	T																					T	1.0	
	SN ON GND							1	1	T																				T	1	1
EDMORE 1 W	SNOWFALL			1.0				2.0		T	1.0								T												.5	
	SN ON GND			1	1			2	2	1	2	2	1	T					T												1	1
FAIRFIELD	SNOWFALL		.5						1.0		T																	T		T	T	
	SN ON GND	1	2	1				1	1	T	T																	T	T	T	T	T
FARGO WB AP	SNOWFALL	T		T			T	T		T	T			T														T		.6	.6	T
	SN ON GND	T		T	T	T	T	T	T		T																				1	1
FESSENDEN	SNOWFALL			1.5			.5				T																			T	2.0	
	SN ON GND			2	2	2	2	1	1	T	T	T																		T	2	2
FORMAN	SNOWFALL			1.0				T																						T	2.0	
	SN ON GND			1	-	-	-	T																						T	2	2
FORT YATES	SNOWFALL			.3				1.0	.9																						.4	
	SN ON GND			T	T	T	T	1	2	1	T	T	T																		T	T
FULLERTON	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAFTON	SNOWFALL	.1					T	.1			.2													.1							.1	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND FORKS CAA AP	SNOWFALL	T				T	T	.1		.1	T												T	T				T	T	T	.6	T
	SN ON GND						T	T	T	T	T	T											T	T	T						1	T
GRAND RAPIDS 1 N	SNOWFALL			1.5				2.0																						1.5	3.0	
	SN ON GND	1	1	2	2	1	1	3	3	1	1	1																		2	3	3
GRANVILLE	SNOWFALL		T	2.0				T																						1.0	1.0	
	SN ON GND	T	T	2	2	2	2	2	2	T	T	T																		1	2	2
HANSBORO	SNOWFALL			T				.5		.1	1.5																			T	.1	T
	SN ON GND	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
HETTINGER	SNOWFALL	T	T					1.0	T																					T		T
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAMESTOWN CAA AP	SNOWFALL		1.0	1.0		T	T	2.7		T	T			T														T		1.4	.4	T
	SN ON GND	T	T	2	2	2	1	1	3	3	T	T	T	T	T	T	T	T													2	2
KENSAL WILDLIFE REFUGE	SNOWFALL			2.0				1.0		T	T	T																		.5	1.5	
	SN ON GND			2	2	1	1	2	2	2	1	1																		1	2	2
LANGDON EXP FARM	SNOWFALL							.2			.8																				.2	
	SN ON GND	T	T	T	T	T	T	T	T	T	1	-	-	T	T	T	T	T	T	T											T	T
MAX	SNOWFALL			2.0					T																					T	2.0	
	SN ON GND			2	2	1	1	1	1	1	T	T	T																	T	2	2
MAYVILLE	SNOWFALL			.1			.1	.4			.1			T					T											.4	.3	T
	SN ON GND	T	T	T	T	T	T	T	T		T	T	T	T	T	T														T	1	1
MC CLUSKY	SNOWFALL			.5				.1						.1																.8	.9	
	SN ON GND	T	T	1	1	T	T	T	T	T	T	T																		T	2	2
MC HENRY 5 N	SNOWFALL			1.0			T	.1			.6			.1														T		T	.2	T
	SN ON GND	T	T	1	1	1	1	1	1	T	1	1	T	T	T	T	T	T	T	T								T		T	T	T
MINOT CAA AP	SNOWFALL		1.0	T		T	T	.1		T	T										T	T		T				T	T	.5	.2	T
	SN ON GND			1	1	1	1	1	1																					T	1	1

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

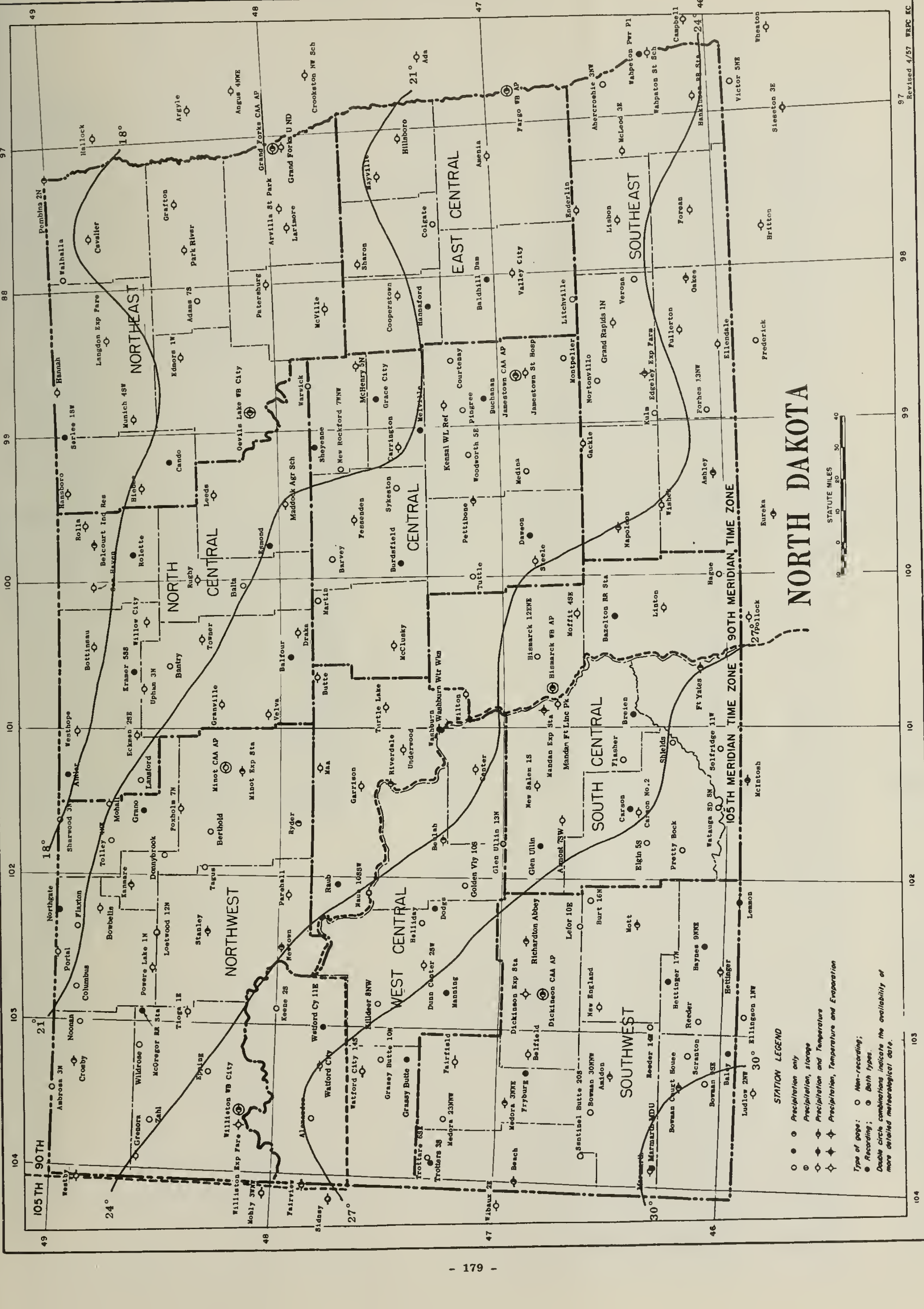
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL		T	1.0				T																						2.0	T	T
	SN ON GND		T	1	1	1	1	1	1	T	T	T																		2	2	2
MOTT	SNOWFALL		T					1.0			T																			T		T
	SN ON GND		T					1	1		T																			T		T
MUNICH 4 SW	SNOWFALL			T							1.0																				T	T
	SN ON GND			T	T						1	1																			T	T
NAPOLEON	SNOWFALL			1.0				4.0																						3.0	T	
	SN ON GND	T	T	1	1	T	T	4	4	2	2	2	1	1	T	T	T													3	3	3
PARSHALL	SNOWFALL		T	.5				.5																						.5	.2	
	SN ON GND			1	1	1	1	1	1	1																				1	1	1
PETERSBURG	SNOWFALL	T					T	.4			.2																	T			.3	
	SN ON GND	T	T	T	T	T	T	1	1	T	T	T	T	T	T													T	T	T	T	T
PETTIBONE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND			1	1	1	1	2	2	1	1	1																	T	1	1	1
RIVERDALE	SNOWFALL			1.0			T		0.5																					T	2.0	T
	SN ON GND			1	1	1	T	T	1	T	T	T	T																	T	2	2
SHARON	SNOWFALL			1.0				T			1.0													T				T			.1	
	SN ON GND			1	1	T	T	T	T		1	1	T	T	T													T	T	T	T	T
STANLEY	SNOWFALL		1.4	T				T																			T			1.4	.6	
	SN ON GND		1	1	1	1	1	1	1																					1	2	2
WAHPETON STATE SCHOOL	SNOWFALL			1.2				T	T	T	.3																				2.5	
	SN ON GND			1	1	1	1	1	1	T	T																				3	2
WATFORD CITY	SNOWFALL		.5					2.5																					.5	1.0		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLISTON WB CITY	SNOWFALL		.8	T			T	1.3		T																		T	.2	1.5	.4	
	SN ON GND			1	T	T	T	1	1	T	T	T	T															T		T	2	2
	WTR EQUIV																														.1	.1
WILLOW CITY	SNOWFALL			1.0				T																						.1	.1	
	SN ON GND	T	T	1	1	1	1	1	1	T	T	T	T	T	T	T														T	T	T

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Abercrombie 3 NW	0005	Richland	10	48 28	86 47	835		6P	Selmer Amundsen	3
Adams 7 S	0022	Walsh	10	48 20	68 08	1554		6P	Myron J. Bata	5
Alexander	0098	McKenzie	13	47 50	103 58	2200		6P	James Neer	5
Almont 7 SW	0156	Morton	4	46 45	101 59	2300	7P	7P	Hogan Mamsland	2 3 5 7
Ambrose 3 N	0169	Divide	12	48 00	103 28	2027		5P	U.S. Border Station	3
Amenia	0188	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Gebeke	2 3 6 7
Amidon	0208	Slope	1	48 29	103 18	2910	6A	6A	Fred Fleener	2 3 5 7 C
Antler	0283	Bottineau	12	46 56	101 20	1540		M10	W. H. Wegner	C
Arvilla State Park	0568	Grand Forks	10	47 68	97 30	860	8P	6P	Vernon C. Thoren	2 5 5
Ashley	0382	McIntosh	8	46 02	89 22	2001	SS	SS	Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	96 02	1300		M1D	Corps of Engineers	C
Balfour	0482	McHenry	12	47 57	100 52	1615		M1D	Pius Locker	C
Balta	0500	Pierce	11	46 10	100 02	1560		6P	Anton Schmalta	3
Bantry	0516	McHenry	12	46 30	100 36	1458		9A	Temple M. Roberts	3
Beach	0560	GoldenValley	7	46 55	104 01	2624	6A	6A	Luther F. Hodgin	2 5 6 7
Belcourt Indian Res.	0626	Rolette	8	48 50	89 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7
Belfield	0636	Stark	4	46 53	105 11	2563	7P	7P	Carl Indergaard	2 3 5
Berthold	0726	Ward	12	46 16	101 44	2080		6P	Joan Coa	3
Beulah	0766	Mercer	6	47 16	101 47	1760	6A	6A	Mont. Dak.Util. Co.	2 3 5 7 C
Bisbee	0766	Towner	2	46 37	98 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Airport	0616	Burleigh	6	46 46	100 45	1650	M10	M10	U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0627	Burleigh	6	46 51	100 33	1706		6A	KFYR Transmitter	3
Bottineau	0941	Bottineau	12	46 50	100 27	1640	6A	6A	N. D. Sch. of Frstry	2 3 5 7
Bowbells	0661	Burke	12	46 46	102 15	1653	5P	5P	Felia L. Adams	2 3 5 7
Bowman Court House	0995	Bowman	3	46 11	103 23	2960	5P	5P	O. B. Book	2 3 5 C
Bowman 6 SE	0966	Bowman	3	46 05	103 19	2635		6P	Olaf Aanen	3
Bowman 30 NNW	1001	Slope	7	46 35	103 51	2505		5P	John B. Hanson	3
Brien 4 S	1052	Sioux	1	46 20	100 56	1625		M1D	Evelyn A. Larson	C
Buchanan	1124	Stutsman	5	47 04	66 46	1572		M1D	CLOSED - - - - -	10/15/57
Burt 16 N	1216	Hettinger	1	46 36	102 06	2344		6P	Jacob Gruebele	3
Butte	1225	McLean	12	47 50	100 40	1885	8A	8A	Sam Kritsky	2 3 5 7
Cando	1286	Towner	2	48 26	89 12	1461		M1D	Harry N. Harris	C
Carrington	1360	Foster	5	47 27	69 06	1586	8A	6A	Andrew C. Reinitz	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		M10	Vincent Muggli	C
Carson No. 2	1370	Grant	4	46 25	101 34	2510	8A	8A	Jack Stewart	2 3 5 7
Cavalier	1435	Pembina	6	48 46	67 38	886	6P	6P	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 16	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 59	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1650		8A	J. O. Sundell	5
Cooperstown	1766	Griggs	11	47 26	86 07	1428	5P	5P	Deland M. Mason	2 3 5
Courtenay	1816	Stutsman	5	47 13	88 34	1523		6P	O. R. Hanawalt	3
Crosby	1871	Divide	12	46 54	103 18	1652	6P	6P	Thomas C. Allen	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	86 45	1730		M1D	Ralph W. Wise	C
Devils Lake WB City	2158	Ramsey	2	46 07	88 52	1471	M10	M10	U.S. Weather Bureau	2 3 5 6 7 C
Dickinson CAA AP	2163	Stark	4	46 47	102 48	2565	M1D	M10	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2186	Stark	4	46 53	102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 8 8
Dodge	2215	Dunn	6	47 16	102 12	1869		M1D	Theodor Isaak	C
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	Bernice Sonnenberg	3
Drake	2266	McHenry	12	47 55	100 22	1634	8A	8A	Ed. J. Evans	2 3 5
Dunn Center 2 SW	2565	Dunn	6	47 20	102 38	2232	7A	7A	Chesley M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 36	101 01	1495	7A	7A	John H. Zurcher	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 5 5 6 C
Edmore 1 W	2525	Ramsey	2	46 25	96 29	1520	SB	SS	Mike Davis	2 3 5 7
Elgin 5 S	2592	Grant	1	48 21	101 49	2241		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	48 00	96 31	1460	8P	8P	Paul Gress	2 5 5
Enderlin	2665	Ransom	11	46 37	67 58	1120	7A	7A	Leonard Peterson	2 5 8
Epping	2735	Williams	6	48 17	103 21	2224		6P	E. F. Carpenter	3
Esmond	2767	Benson	11	48 02	68 46	1650		M10	Baldwin Reierson	C
Fairfield	2808	Billings	7	47 11	103 13	2750	6P	6P	John Petryszak	2 3 5 7
#Fargo WB Airport	2859	Cass	10	46 54	96 48	895	M10	M1D	U.S. Weather Bureau	2 5 5 7 C
Fessenden	2849	Wells	6	47 56	99 37	1620	6P	6P	Emil N. Suet	2 5 6 7
Flasher	3008	Morton	1	48 27	101 14	1930		8A	George M. Sinclair	5
Flaxton	3019	Burke	12	48 54	102 23	1640		6P	Thomas Lynch	3
Forbes 15 NW	5084	Dickey	5	46 04	98 56	1968		6P	Theodore A. Wirch	3
Forman	5117	Sargent	10	48 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	5207	Sioux	8	48 06	100 36	1640	8A	8A	Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 54	1608	5P	5P	U.S. Wildlife Ref.	2 3 5
Fryburg 1 SSN	3277	Billings	4	46 53	103 16	2775		M10	John Syalnow	C
Fullerton	3287	Dickey	5	46 10	88 25	1459	6P	6P	F. O. Alin	2 3 5 7
Gackle	3308	Logan	5	48 38	99 06	1651	6P	6P	Alvin Bummel	2 5 5
Garrison	3376	McLean	8	47 58	101 25	1911	7A	7A	Albert J. Beierle	2 3 5
Glen Ullin	3496	Morton	4	46 49	101 49	2090		M10	Frederick J. Anhorn	C
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221		6P	LaVern Schilling	3
Golden Valley 10 S	5529	Mercer	6	47 10	102 03	1670		8P	Robert B. Backfisch	3
Grace City	5585	Foster	6	47 33	98 46	1465		M10	Ida Bonderud	C
Grafton	3584	Walsh	10	48 25	97 25	827	5P	5P	Grafton State School	2 3 5 7
#Grand Forks CAA AP	5616	Grand Forks	10	47 56	97 05	632	M10	M10	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	5621	Grand Forks	10	47 55	97 05	630	M10	7P	University of N. D.	2 3 5
Grand Rapids 1 N	5685	La Moure	5	46 26	88 21	1360	8P	6P	Albert J. Ness	2 5 5 7
Grano	5876	Renville	12	48 37	101 35	1625		M10	Robert Decker	C
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohle	2 5 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		M10	Grayce M. Warren	C
Grassy Butte 10 N	5701	McKenzie	7	47 31	103 14	2467		8A	CLOSED - - - - -	10/7/57
Grenora	5758	Williams	8	46 37	103 56	2114	5P	5P	L. O. Nielson	2 3 5
Hague	3826	Emmons	8	46 02	100 00	1698		6P	Peter Kocher	3
Haley	3656	Bowman	5	45 58	103 08	2651		M10	Betty J. Krinke	C
Halliday	3646	Dunn	6	47 21	102 20	2048		6P	Walter Weisenburger	3
Hankinson R R Station	3908	Richland	10	46 04	86 54	1066	7A	7A	Soo Line Agent	2 3 5
Hannaford	3626	Griggs	11	47 18	98 12	1428		M10	Fred C. Knauss	C
Hannah	3636	Cavalier	9	48 59	68 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	5663	Towner	9	48 57	99 23	1600	7P	7P	Charles N. Disher	2 3 5 7
Harvey	4013	Wells	11	47 46	99 55	1585		6P	Stephen Schreder	3
Haynes 13 NNE	4073	Adams	1	48 08	102 21	2400		M10	John Schmalta	C
Hazelton R R Station	4085	Emmons	8	46 29	100 17	1876		M10	V. O. Shaw	C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P	8P	Fred O. Forthun	2 3 5 7
Hettinger 17 N	4168	Adams	1	46 18	102 59	2610		M10	O. J. Gerbracht	C
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		M10	Ruth Buchwitz	C
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	M10	M10	U.S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	96 41	1457	7P	7P	N.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8	47 54	102 56	2348		8P	Kenneth V. Borget	5
Kenmare	4846	Ward	12	48 40	102 05	1800	8A	8A	Theo. M. Eckberg	2 5 5 C
Kensal Wildlife Refuge	4856	Stutsman	5	47 16	96 62	1451	6P	5P	U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	7	47 28	102 65	2240		8P	Leonard J. Davin	5
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		MID	Paul A. Kretschmar	C
Kulm	4843	La Moure	5	48 16	96 57	1970		8P	John Stroehl	3
Langdon Exp. Farm	4856	Cavalier	9	48 45	98 20	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1800		6P	Louis Schaefer	5
Larimore	5013	Grand Forks	10	47 55	97 36	1134	5P	5P	Nels B. Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	8P	8P	Clarence McCormack	2 3 5
Lefor 10 N	5088	Stark	4	46 56	102 21	2545		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	8P	8P	Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P	5P	N.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	46 39	98 11	1467		6P	Melvin Norvik	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	8P	8P	Lostwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Sch	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 5 8 C
Mandan Ft. Lincoln Park	5484	Morton	8	48 45	100 52	1674	5P	5P	Fort Lincoln Park	2 5 5
Manning	5519	Dunn	8	47 14	102 46	2219		M10	Donald Jefferies	C
Marmarth	5575	Slope	7	46 18	103 55	2710	8A	8A	M. B. Jestnes	2 3 5 C
Martin	5810	Sheridan	11	47 50	100 07	1610		5P	CLOSED - - - ---	9/30/57
Max	5638	McLean	M	47 49	101 18	2095	8A	8A	M. B. Schafer	2 3 5 7
Mayville	5880	Traill	10	47 30	97 19	975	8P	8P	S. A. Magaz	2 5 6 7
McClusky	5710	Sheridan	8	47 29	100 28	1943	8P	6P	Elmer L. Schielke	2 5 5 7
McGregor R R Station	5720	Williams	8	48 36	102 56	2221		MID	L. M. Erickson	C
McHenry 5 N	5730	Eddy	11	47 38	9M 35	1509	7P	7P	C. M. Slasky	2 3 5 7
McLeod 3 N	5754	Richland	11	46 24	97 14	1075	7P	7P	Gordon E. Carlson	2 5 5
McVille	6764	Nelson	10	47 46	98 10	1467	8P	8P	Robert O. Getz	2 5 5
Medina	6798	Stutsman	E	46 53	99 19	1795		8P	Rudolph Gref	5
Medora 5 NNE	5813	Billings	7	48 5M	103 30	2250	5P	5P	U.S. Natl Park Serv.	2 5 5

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Medora 23 NNW	6818	Billings	7	47 14	103 56	2125		7A	Archie E. McAdoo	5
Melville	5633	Foster	5	47 20	99 02	1625		M1D	Edgar S. Stegmeier	C
Minot CAA AP	5886	Ward	12	48 15	101 17	1722	M10	M1D	U.S. Civil Aero Adm	2 3 5 7
Minot Exp. Station	5993	Ward	12	46 10	101 18	1720	6A	8A	N.C. Agrl. Exp. Sta	2 5 5 C
Moffit 4 SE	6016	Burleigh	5	46 40	100 14	1760	5P	5P	U.S. Fish & W.L.Ser	2 3 5
Mohall	6025	Renville	12	46 46	101 31	1639	6P	6P	W. E. Purdy	2 3 5 7
Montpelier	8106	Stutsman	6	46 42	98 35	1379		6P	Rolf Hanson	5
Mott	6166	Hettinger	1	46 25	102 20	2420	SS	SS	Forrest M. Coffing	2 5 6 7 C
Munich 4 SW	6195	Cavalier	2	48 38	96 65	1596	7P	7P	Harold Feldner	2 3 5 7
Napoleon	6255	Logan	8	46 50	99 48	1955	6P	6P	Gladys Peterson	2 3 5 7 C
New England	8315	Hettinger	1	46 33	102 62	2821	6P	6P	Anton Sellinger	2 3 5
New Rockford 7 WNW	8355	Eddy	6	47 43	69 16	1550		6P	Richard Steinbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Newtown	6563	Mountrail	8	47 69	102 29	1905	6P	6P	Ervin A. Ventsch	2 5 8 C
Noonan	6455	Divide	12	46 53	103 01	1960		6P	George Kostek	3
Northgate	8535	Burke	12	49 00	102 16	1850		M10	U.S. Customs Sta.	C
Nortonville	8565	La Moure	5	46 53	96 44	1506		6P	Robert N. Solinger	5
Oakes	6620	Dickey	5	46 06	98 05	1320	8A	8A	E. Carrie Murray	2 3 5 C
Park River	6657	Walsh	10	48 23	97 45	698	5P	5P	Martin Severson	2 3 5
Parshall	6667	Mountrail	6	47 57	102 06	1629	6P	6P	C. E. Shubert	2 3 5 7
Pembina	6947	Pembina	10	48 58	67 14	760	6P	6P	G. W. Douglas	2 5 5 C
Petersburg	7027	Nelson	10	46 01	68 00	1524	6P	6P	Marvin Broton	2 5 6 7
Pettibone	7047	Kidder	8	47 07	89 31	1655	7P	7P	Arthur J. De Kray	2 3 5 7 C
Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	CLOSED - - - - -	10/15/57
Portal	7201	Burke	12	46 00	102 33	1954	9A	9A	U.S. Customs Serv.	2 3 6
Powers Lake 1 N	7261	Burke	8	46 34	102 36	2205	7P	7P	Herbert J. Clerk	2 3 5
Pretty Rock	7311	Grant	1	46 10	101 51	2460		6P	Freda Leer	3
Raub	7405	McLean	6	47 44	102 04	1665		M1D	Alvin Larson	C
Raub 10 SSW	7406	McLean	8	47 36	102 06	1656	6P	6P	Lyle P. Bolton	2 3 5
Reeder	7450	Adams	3	46 06	102 57	2810		8P	A. V. Nittleson	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2784		8A	Chas. N. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2470	5P	5P	Assumption Abbey	2 3 5 C
Riverdale	7585	McLean	8	47 30	101 21	1650	8A	6A	Corps of Engineers	2 5 5 6 7 C
Rolette	7655	Rolette	12	48 40	99 50	1630		M10	Henry Johnson	C
Rolla	7664	Rolette	2	48 52	89 37	1619	7P	7P	Theo. S. Fagerlund	2 5 5
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Bornstein	2 3 5
Ryder	7746	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 C
San Haven	7824	Rolette	12	48 50	100 02	2001	6P	6P	Stanley Dowling	2 3 5
Sarles 1 SW	7844	Towner	9	48 58	99 00	1602		M1D	David N. Madland	C
Scranton	7632	Bowman	3	46 09	103 06	2778		6P	CLOSED - - - -	8/30/57
Selfridge 11 W	7852	Sioux	8	46 01	101 10	-		7P	L. N. Wilson	3
Sentinel Butte 20 S	7676	GoldenValley	7	46 37	103 49	2682		7P	G. N. Sury	3
Sharon	7686	Steele	10	47 36	67 54	1516	8P	7P	Hugh Lyon	2 3 5 7
Sherwood 3 N	8047	Renville	12	48 00	101 38	1647		6P	U.S. Customs Serv.	3
Sheyenne	8057	Eddy	11	47 50	98 07	1460		M1D	Alvin H. Kennedy	C
Shields	6065	Grant	1	46 14	101 07	1806		6P	James W. Rodenbaugh	5
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	E. G. Evans	2 3 5 7 C
Steele	8366	Kidder	6	46 51	96 55	1857	6P	6P	Steele Ozone Press	2 5 5
Sykeston	8608	Wells	5	47 28	89 24	1654		4P	Edward Sondag	3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	W. G. Ellingboe	3
Tioga 1 S	8737	Williams	6	46 24	102 55	2245	8A	8A	Signal Oil & Gas Co	2 3 5
Tolley	8764	Renville	12	46 45	101 50	1848		6P	Arthur I. Folland	5
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August S. Rieder	2 3 5
Trotters 8 SE	8807	Golden Valley	7	47 18	103 52	2434		5P	Walter Grunewald	3
Trotters 5 S	8612	Golden Valley	13	47 17	103 54	2420		MID	John O. Rellermoe	C
Turtle Lake	6840	McLean	6	47 31	100 53	1886	6P	6P	Rudy Schoch	2 5 5
Tuttle	8850	Kidder	8	47 08	100 00	1880		5P	Theodore C. Ochsner	3
Underwood	8872	McLean	8	47 27	101 08	2028	7A	7A	Clarence W. Johnson	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U.S. Wildlife Ref.	2 3 5
Valley City	8837	Barnes	11	46 55	96 00	1228	6P	6P	Miss I. C. Robertson	2 3 5
Velva	6990	McHenry	12	48 03	100 55	1511	8A	8A	R. N. Ayers	2 5 5
Verona	9035	La Moure	5	46 22	68 05	1382		6P	Warren O. Tang	3
Wahpeton Power Plant	6095	Richland	10	46 17	66 36	962		M1D	Otter Tail Power Pl	C
Wahpeton State School	6100	Richland	10	46 16	66 36	862	5P	5P	St Sch of Science	2 3 5 7
Walhalla	6155	Pembina	9	48 55	97 55	650		6P	Felix A. Gastonguay	5
Warwick	9185	Benson	11	47 51	68 42	-		6P	Virgil B. Johnson	3
Washburn	9185	McLean	8	47 17	101 02	1770	5P	5P	Judy Borlaug	2 5 5
Washburn Waterworks	9205	McLean	8	47 17	101 02	1730		M1D	Washburn Waterworks	C
Watauga, S.D. 8 N	6219	Grant	1	46 02	101 34	2074		6P	Mary N. Katus	3
Watford City	6233	McKenzie	8	47 48	105 17	2100	8P	8P	J. C. Zeller	2 5 5 - 7
Watford City 11 S	6236	McKenzie	8	47 47	103 02	2130		M10	Ida Paterson	C
Watford City 14 S	6246	McKenzie	7	47 38	103 17	1965	5P	5P	Theo. Roosevelt NMP	2 3 5
Westhope	6333	Bottineau	12	48 55	101 01	1508	9P	9P	Rev. S. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2256		8P	Jonathan Winkjer	3
#Williston WB City	6425	Williams	8	48 06	103 37	1677	M1D	M10	U.S. Weather Bureau	2 3 5 7 C
Williston Exp Farm	6430	Williams	8	48 06	103 41	2105	6P	6P	Howard M. Olson	2 3 5 8
Willow City	9445	Bottineau	12	46 36	100 17	1471	6P	6P	Mrs. O. M. Sanderson	2 3 5 7
Wilton	9455	McLean	8	47 08	100 48	2171	6P	6P	Edwin Paterson	2 3 5
Wishek	9515	McIntosh	6	46 16	89 34	2010	8A	8A	J. N. Hellerud	2 3 5
Woodworth	9575	Stutsman	5	47 09	96 18	2041		6P	Chester W. Thompson	3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtson	3

‡ DRAINAGE CODE: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Table 2 and on the maps, became effective with data for August 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground. Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

-	No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AM	Data based on observational day ending before noon.
B	Adjusted to a full month.
C	In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

USCOMM-WB-Asheville -- 1-29-58 -- 850

CORRECTIONS

August 1957: Grenora, Table 2, days with precipitation .50 or more should be 2.

Powers Lake 1 N, Table 2, days with max 90 or above should be 4.

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CLIMATOLOGICAL DATA

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ANNUAL SUMMARY 1957

Volume LXVI No. 13

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ASHEVILLE: 1958

WEATHER SUMMARY

The outstanding event in 1957 weather for North Dakota was a devastating tornado at Fargo on June 20. The year began with a colder than normal January and ended with one of the warmest Decembers of record. Precipitation for the year was generally above the long-term means.

After a cold January the next four months' temperatures were near the long-term means. June was cool and July was hot. August and September were seasonal. October was somewhat colder than is normally expected and November was warmer than usual. In December monthly mean temperature departures ranged from +5.0° at Bottineau to +10.9° at Dickinson Experiment Station.

The lowest temperature for the year was 41° below zero at Watford City 14S on January 24. The highest was 104° on July 10 at Maddock Agricultural School and on August 1 at Bismarck WBAP and Mandan Fort Lincoln Park. Monthly mean temperatures for the year ranged from -7.6° at Munich 4SW in January to 76.6° at Linton in July.

Annual precipitation totals at nearly all stations were between 15 and 25 inches or 95 to 156 percent of the long-term means except in the northwest and north central divisions. In these divisions, the amounts ranged from 10 to 15 inches or 70 to 95 percent of the long-term means. The least annual precipitation was 10.05 inches at Crosby. The greatest annual total was 29.98 inches at Forman.

During the first three months of the year, precipitation generally averaged less than half of the long-term means. February was one of the driest of record for much of the State. Rains were rather generous through April. There were few rainy days in May but some stations in the south-central and south-eastern division received more than twice their long-term means. June was showery with totals varying from 1.71 inches at Wishek to 11.80 inches at Amidon. This was the greatest monthly total for the year. July was hot and mostly dry but showery weather became frequent in August and continued well into October. Precipitation in November and December was generally below the long-term means although there were frequent periods of light rain until the 10th of December.

At most stations over the State, the annual snowfall totals were 10 to 15 inches less than average. For example, Fargo received 14.0 inches of snow while the average for the last 16 years is 34.9 inches. The total this year for Bismarck was 25.0 inches with the average for the last 18 years being 36.9 inches. The snowfall was rather evenly distributed through January, February, March, and December.

The total crop production in North Dakota for 1957 was a little smaller than last year but still considerably above average according to the U. S. Department of Agriculture, Agricultural Marketing Service. Yields per acre were well above average for corn, wheat, oats, rye, soybeans, and sugar beets.

The cool wet weather in June favored the growth of small grain crops and the hot sunshiny weather of July was good for the row crops. However, the hot weather hastened the maturity of the barley crop which resulted in lowered yields and below standard test weights. Wet weather which began in August and continued into late fall interrupted harvesting operations. Some corn picking and small grain harvest continued into December. Much of the wheat crop suffered sprout damage, discoloration, and loss of weight from the prolonged wet weather. The flax crop was seriously damaged by a combination of Aster Yellow, heat, drought, and excess moisture at harvest time. The potato harvest was delayed by rains just prior to harvest time but the later than usual freezing weather allowed most growers time to harvest their crop.

STORMS

The most noteworthy storm in the State for 1957 was the Fargo tornado on June 20. This tornado was the most devastating of record in North Dakota. Ten persons were killed, 103 persons were injured, and property losses were estimated in the millions of dollars. Damaged or destroyed were 1364 homes, about 15 commercial buildings, 4 churches, and 3 schools. The tornado was first observed near Wheatland, 30 miles west of Fargo, and moved from this position to a point 26 miles into Minnesota before dissipating. Several other tornadoes and funnel clouds were reported on June 5, 13, 20, 22, 27, and 30. Hail damage was reported in scattered areas on the 12th, 18th, 19th, and 20th.

In April and May there were three tornadoes with only slight damage. In July tornado funnels were observed on three days but the only damage report occurred on the 16th. Hail damage occurred on several different days with the heaviest being on the 2nd, 16th, and 17th. Hail, rain, and windstorms in August caused damage in several counties on the 1st, 6th, 11th, 12th, and 13th. There was a tornado on the 12th and one on the 14th, with only slight damage from each.

There was some flooding in September from heavy rains in late August and September 1 and 2.

For additional details on 1957 storms in North Dakota, the reader is referred to monthly issues of Climatological Data, North Dakota Section, and to monthly and annual issues of Climatological Data, National Summary.

Gilbert E. Stegall
Climatologist
Weather Records Processing Center
Kansas City, Missouri

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG–TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALMONT 7 SW	4.7		17.1		29.0		40.9		55.1		62.4		75.1		69.5		56.3		45.0		31.8		26.9		42.8	
AMENIA	3.4M		13.0M		27.6		42.6		56.1		63.2		74.6M		68.2		56.3		46.6		30.1M		21.7M		41.9	
AMIDON	4.6M		-		28.6M		38.6		55.0M		M		M		66.8M		55.2M		42.8M		30.4M		28.4M		-	
ARVILLA STATE PARK	0.2		9.4		25.2		40.8		55.1M		61.1		73.7		67.9M		54.6		44.0		26.6		18.5		39.8	
ASHLEY	3.6	- 5.4	14.5	2.0	27.3	2.6	41.4	- 0.6	54.0M	- 0.4	61.5	- 1.8	73.2	2.6	67.3	- 1.1	55.1M	- 3.1	45.3	- 0.6	30.5	2.4	24.1	8.5	41.5	0.4
BEACH	4.1		16.3		27.5		37.8		53.5		60.5		72.8		67.7		54.9		43.0		31.2		28.4		41.5	
BELCOURT INDIAN RES	-2.7		7.1		21.8		37.5		53.0		58.3M		70.3		62.7		51.9		42.1		25.5		16.3		37.0	
BELFIELD	4.5		17.1		28.9		39.2		53.8		59.9		71.7M		65.7		53.0		43.9		31.3		28.1		41.4	
BEULAH	0.5		14.3M		26.4		38.9		55.3		61.6		74.2		67.9		53.8M		43.4M		29.1		23.3		40.7	
BISBEE	-1.4M		9.2M		24.9M		38.7		54.0		59.5		72.7		64.6		52.8		43.0M		26.9M		18.6M		38.6	
BISMARCK WB AP	1.9	- 7.3	13.8	1.1	27.8	1.1	41.7	- 1.4	55.1	0.3	62.8	- 1.5	75.3	3.2	69.6	0.3	56.1	- 2.4	45.5	- 0.2	31.0	2.6	24.2	8.7	42.1	0.4
BOTTINEAU	-4.1	- 7.4	5.1	- 2.5	22.9	2.8	37.9	- 1.5	54.5	1.1	59.1	- 2.4	72.9	4.0	65.5	- 1.0	53.3	- 2.5	42.7	- 0.9	25.6M	1.8	15.2M	5.0	37.5	- 0.3
BOWBELLS	1.1		12.7M		26.1		38.9		53.7M		60.7		72.1		66.0M		55.0		41.9		27.9		21.3M		39.8	
BOWMAN COURT HOUSE	6.0	- 8.8	20.4	2.7	30.6M	4.1	39.1	- 3.6	53.9	- 0.3	60.5M	- 1.7	73.9M	2.8	68.2	- 0.6	55.5	- 4.9	44.3	- 2.2	30.9	0.9	30.8M	9.6	42.8	- 0.2
BUTTE	M		M		M		39.5M		M		60.6M		73.4M		67.0M		M		44.5M		28.3M		22.5M		-	
CARRINGTON	0.8	- 5.4	9.8	- 0.3	24.1	1.9	38.5	- 1.6	53.4	0.2	59.9	- 2.6	72.0	2.3	65.4	- 1.8	52.8	- 3.6	42.9	- 2.1	27.6	1.8	20.9	8.1	39.0	- 0.3
CARSON NO 2	3.9	- 7.9	15.6M	0.5	28.0M	2.6	40.0	- 2.8	53.9	- 0.9	60.8	- 2.7	74.2	2.5	68.6	- 0.8	55.7	- 3.3	44.3	- 2.5	31.1M	1.8	25.4M	6.8	41.8	- 0.6
CAVALIER	-		10.6		24.8		40.8		55.9		60.5		72.6		67.1		54.8		45.1		27.3		18.4		-	
CENTER	2.0		12.8M		27.1		39.6M		53.7		61.5M		73.2		68.1M		54.3		43.3M		30.4M		23.8		40.8	
COOPERSTOWN	2.3		10.9		26.0M		41.2M		54.8		61.0		72.7		66.8		54.5		44.5		28.9M		20.4		40.4	
CROSBY	1.4	- 4.6	12.7	2.4	26.8	5.3	39.4	- 0.3	56.4	3.5	61.3M	0.6	73.3	4.8	67.0	1.3	56.2M	1.2	41.1	- 2.9	26.8	1.0	21.5	7.7	40.4	1.7
DEVILS LAKE WB CITY	0.8	- 4.0	9.3	0.6	24.5	1.9	39.7	- 0.3	54.2	1.2	59.8	- 2.6	73.0	3.7	66.0	- 0.8	53.6	- 2.7	43.7	- 0.2	26.9	1.8	18.7	7.5	39.2	0.5
DICKINSON CAA AP	4.2		16.5		28.2		38.1		52.9		60.4		73.5		67.7		54.9		43.5		30.5		27.5		41.5	
DICKINSON EXP STATION	3.6M	- 7.1	14.8	0.9	28.3	4.4	38.1	- 3.2	53.8	0.7	60.5	- 0.9	73.0	3.2	67.5	0.4	55.0	- 1.4	42.7M	- 2.1	30.7M	2.8	28.4M	10.9	41.4	0.7
DRAKE	1.0M	- 5.0	9.7	- 0.2	25.6	3.9	39.3	- 1.3	55.2	1.2	60.5	- 2.1	73.8	3.8	66.3	- 1.2	54.0	- 2.9	44.2	- 0.6	28.3M	2.3	22.1	8.8	40.0	0.6
DUNN CENTER 2 SW	3.0	- 7.4	13.7M	- 0.5	26.5M	2.4	38.7	- 2.1	54.6	1.5	61.0	- 0.4	73.8	4.3	68.0M	1.5	55.1	- 0.3	43.4	- 1.5	31.0	3.2	25.8	8.1	41.2	0.7
ECKMAN 2 SE	-2.6	- 5.6	6.9	- 0.7	23.8	3.7	37.6	- 2.4	53.8M	0.5	59.6	- 1.8	73.2	4.5	M		52.8	- 2.7	40.9M	- 2.7	27.2	3.0	19.2	8.0	-	
EDGELEY EXP FARM	3.0	- 6.0	13.1	0.0	27.1	1.7	41.6	- 1.1	53.4	- 1.5	61.5	- 2.4	73.0	2.0	66.7	- 2.3	55.4	- 3.4	45.0	- 1.7	29.9	1.9	23.4	8.3	41.1	- 0.4
EDMORE 1 W	-0.3		8.4		23.6		39.1		53.6		58.5		70.4		64.0		52.2		43.4		27.3M		18.4		38.2	
ELLENDALE	5.9	- 3.9	17.2	3.3	30.1M	3.5	43.8	0.3	55.2	- 0.6	63.5	- 1.5	75.9	4.0	69.1	- 0.8	56.9	- 2.9	47.1	- 0.4	31.4	2.1	25.5	9.2	43.5	1.1
ENDERLIN	2.3		12.1		26.4		40.9		54.6		61.8		72.8		65.3		54.4		45.1		29.3		20.6		40.5	
FAIRFIELD	2.5		15.5M		26.3M		38.0M		53.3		60.1		73.4		67.4		54.8		42.7		29.2M		26.5M		40.8	
FARGO WB AP	2.5	- 4.6	12.5	1.7	27.5	2.2	42.6	0.5	56.1	1.1	62.7	- 1.9	75.4	4.1	69.0	- 0.1	56.1	- 2.8	46.5	0.4	29.0	1.4	21.5	8.6	41.8	0.9
FESSENDEN	3.2	- 3.1	12.9	2.1	27.4	4.5	41.4	0.2	54.3	0.1	62.5M	- 0.3	74.1	3.9	67.3	- 0.6	55.5	- 2.0	44.6M	- 0.7	30.4	4.2	23.5	10.3	41.4	1.5
FORMAN	4.8		15.7		29.3		43.5		54.7M		63.9		75.3		68.6		56.5M		46.7		30.9M		24.9M		42.9	
FORT YATES	3.0M	- 9.1	17.7M	1.2	28.0M	0.1	41.5M	- 3.4	54.5M	- 2.2	63.3M	- 2.1	74.7M	1.6	70.0M	- 0.5	57.3	- 3.1	45.2	- 2.9	31.5	0.6	26.7	7.6	42.8	- 1.0
FOXHOLM 7 N	3.1	- 4.2	12.9	1.5	27.0M	4.4	39.9	- 1.1	55.6	1.4	61.7M	- 0.4	74.1	4.5	67.3M	0.0	56.6M	- 0.3	43.4	- 2.1	29.9M	3.3	24.5M	10.1	41.3	1.4
FULLERTON	4.5	- 5.6	16.1	2.0	29.2	2.5	43.9	0.2	55.7	- 0.4	63.1	- 2.2	75.4	3.2	69.4	- 0.6	56.6	- 3.0	46.7	- 0.7	31.4	2.0	24.6	8.1	43.1	0.5
GACKLE	3.2M		12.9M		26.8M		41.4M		55.0		64.1		74.0		67.4		54.7M		44.9		30.0		22.5		41.4	
GARRISON	2.0	- 6.3	11.6	- 0.8	25.9	2.2	39.2	- 2.4	54.3	0.1	60.0	- 2.8	73.9M	3.5	66.8	- 0.9	54.4	- 3.0	43.3	- 1.9	30.5M	3.5	23.5M	8.5	40.4	- 0.1
GRAFTON	1.6	- 3.1	11.1M	1.4	25.9	3.0	41.0	- 0.6	55.9	0.5	60.1	- 4.2	72.0	1.1	67.7M	- 1.0	55.0	- 3.1	45.2	- 1.0	27.9	1.5	19.2M	7.9	40.2	0.2
GRAND FORKS CAA AP	0.6		10.2		25.4		41.1		54.7		60.3		73.8		67.5		54.4		44.9		26.9		18.7		39.9	
GRAND FORKS UNIV	0.7	- 3.7	10.2	1.3	26.0M	3.5	41.4	0.1	55.8	0.9	60.8	- 3.2	73.2	2.5	66.9	- 1.3	53.5	- 3.9	44.2	- 1.1	26.2	0.2	18.3	6.8	39.8	0.2
GRAND RAPIDS 1 N	3.7		14.2M		29.1M		42.8		55.2		63.9M		74.8		67.8		56.0		46.2		30.4		23.1		42.3	
GRANVILLE	2.6M	- 4.1	12.4	1.5	27.3	4.1	40.7M	- 0.9	55.5	0.2	61.4	- 1.0	73.8M	3.8	67.0	- 0.5	55.8M	- 1.6	45.5M	0.0	29.6M	3.1	21.6M	7.6	41.1	1.0
GRENORA	2.9M		14.5M		28.6M		40.4		56.2		60.8		73.1		M		56.6		41.8M		29.3M		24.8M		-	
HANKINSON R R STATION	4.4M	- 4.8	14.1	0.7	27.3	1.5	42.1M	- 0.9	54.6	- 1.9	63.2	- 2.7	74.2	1.7	67.1	- 2.6	55.8	- 3.5	45.8M	- 1.1	30.2	1.5	22.5	6.9	41.8	- 0.4
HANNAH	-2.3		7.6		22.7		38.7		54.0M		57.7M		69.4		63.2		51.4M		42.3		25.6		15.4M		37.2	
HANSBORO	-0.7	- 3.6	8.3	0.9	23.1M	3.5	38.6	0.0	53.3M	1.4	57.6M	- 2.7	70.8M	3.6	63.0M	- 2.0	52.0M	- 3.0	42.7M	- 0.6	26.0M	2.3	17.4M	6.9	37.7	0.6
HETTINGER	6.9	- 8.3	20.3	2.0	29.6	2.6	39.4	- 4.1	53.1M	- 1.9	60.7	- 2.8	73.7	1.7	69.0M	- 3.5	55.4	- 3.7	M		31.2	0.4	29.0M	7.7	-	
HILLSBORO	3.4	- 2.9	12.8	2.0	27.1	3.0	42.2	0.0	56.8	1.4	62.5	- 2.2	74.6	3.0	68.3	- 0.7	56.5	- 2.3	46.4	0.1	29.3	2.0	22.0M	9.0	41.8	1.0
JAMESTOWN CAA AP	2.8		12.0		27.0		41.5		53.6		61.2		73.6		67.3		54.8		45.3		29.0		22.3		40.9	
JAMESTOWN STATE HOSP	4.0	- 4.2	12.7M	0.4	27.9M	3.0	41.8	- 0.5	54.8	- 0.4	62.7	- 1.9	75.1	3.3	68.9	- 0.3	56.9	- 1.6	45.7	- 0.8	30.0	2.0	23.7	8.7	42.0	0.6
KENMARE	1.2		10.6		24.6		37.5		54.7		59.6		72.1		64.9		53.7		41.5		27.4		21.5M		39.1	
KENSAL WILDLIFE REF	4.1		13.0		27.8		42.2		55.2		62.1M		74.6		68.1		55.4		45.7		29.1		22.7		41.7	
LANGDON EXP FARM	-2.8	- 4.7	7.4	0.9	23.0	3.5	38.6	- 0.1	53.4	0.9	57.4	- 3.9	69.3	1.3	62.8	- 3.1	52.1	- 3.4	43.1	0.1	26.0	3.2	17.0	7.7	37.3	0.2
LARIMORE	2.2M	- 3.1	12.0M	2.1	26.8	3.8	41.6M	0.8	55.4M	0.8	62.2	- 1.2	73.6	3.2	68.1	- 0.2	55.5	- 2.3	44.7	- 1.0	29.0M	2.5	20.4M	7.9	40.9	1.0
LEEDS	0.8		9.4		25.6		40.0		55.0		60.3		72.6		65.8		53.5		43.5		28.0		20.0		39.5	
LINTON	2.5M	- 7.6	15.4	0.7	29.6	2.9	42.6	- 1.7	56.4	- 0.2	63.8	- 1.3	76.6	3.8	70.9	0.0	56.3	- 4.0	46.2	- 1.2	30.8	1.5	24.9M	8.1	43.0	0.1
LISBON	3.3	- 5.4	13.5	0.4	28.6	2.4	43.0	0.6	55.4	- 0.2	63.9	- 1.1	74.9	3.2	68.6	- 0.4	56.4	- 1.9	46.7	- 0.6	31.9	2.9	23.7	8.5	42.5	0.7
LOSTWOOD 12 N	0.4M		11.8M		25.5M		39.3M		54.0M		58.5M		-		M		53.0M		41.3M		26.2M		21.1M		-	
MADDOCK AGR SCHOOL	2.1	- 3.1	10.9	1.3	26.2	3.9	40.6	- 0.4	55.1	0.9	61.6	- 1.0	73.4	3.8	66.1	- 1.6	54.3	- 3.2	44.1M	- 0.9	28.7	3.0	21.4	9.0	40.4	1.0
MANDAN EXP STATION	2.2	- 7.2	13.1	0.1	27.5	2.9	41.0	- 1.9	55.0	- 0.2	61.9	- 2.0	74.2	2.4	68.9	- 0.3	55.8	- 3.1	45.1	- 1.5	31.0	2.7	24.9	8.7	41.7	0.0
MANDAN FT LINCOLN PK	2.9		14.4M		28.8M		42.7M		56.0		63.2		75.6M		68.7		55.5		45.3		30.7M		25.3		42.4	
MARMARTH	5.3M	- 9.6	21.5M	2.8	33.1M	5.1																			-	
MARMARTH							M		54.3	- 1.2	60.9	- 2.7	73.3	1.2	69.3M	0.2	55.3	- 3.0	44.0	- 2.6	31.7	1.6	30.0	9.4	-	
MAX	0.9	- 5.1	9.4	- 0.6	24.7	3.4	38.1	- 2.1	54.4	1.2	59.8	- 2.3	72.7	3.0	66.0	- 1.1	53.7	- 2.4	42.7	- 1.2	27.9	2.5	21.8	8.6	39.4	0.4
MAYVILLE	3.0	- 3.8	12.2	0.9	26.4	1.9	42.0	- 0.4	55.8	0.1	62.5	- 2.2	73.5	1.7	68.9	- 0.9	55.4	- 4.2	45.5	- 1.6	28.8	1.1	22.2	8.7	41.3	0.1
MC CLUSKY	1.6M	- 5.9	9.7M	- 1.9	25.7M	2.3	39.9M	- 1.9	54.4	0.1	60.4	- 2.4	74.3	3.6	68.4	0.1	54.9	- 3.1	44.7	- 1.1	29.0	2.0	22.9	8.3	40.5	0.0
MC HENRY 5 N	0.9		9.6		25.3		40.3		53.8		60.2		71.4		65.4		53.2		43.6		26.7		19.6		39.2	
MC LEOD 3 E	4.7M	- 3.8	15.5M	2.5	29.1	2.8	44.4M	1.0	55.8M	- 0.8	63.9M	- 1.3	75.0M	3.0	69.2M	- 0.6	56.7	- 3.2	46.4	- 1.3	30.1M	0.9	23.3	8.4	42.8	0.6
MC VILLE	0.9		9.0		25.5M		40.2		53.7M		60.2		72.1		66.4		53.5		43.5		27.1		19.3		39.3	
MEDORA 3 NNE	4.4		18.3		30.8		39.9		54.5		62.0		74.1		70.2		55.3M		44.6M		32.2		29.2		42.9	
MINOT CAA AP	2.0		12.6		26.3		39.8		55.2		61.0		74.0		65.8		54.8		42.9		28.4		22.2		40.4	
MINOT EXP STATION	1.0		10.0		25.0		38.6		54.2		59.4M		72.2		64.8		54.2		42.9		27.9		22.1		39.4	
MOFFIT 4 SE	3.5		14.5		28.3		41.6		54.1		62.2		74.1		69.0		55.3		45.4M		30.6		24.5		41.9	
MOHALL	2.0	- 3.3	12.1	2.7	26.2	5.0	39.5	- 0.9	54.8	0.8	61.0	- 0.9	72.8	3.7	66.4	- 0.4	55.2	- 1.2	42.7M	- 2.0	27.7	2.2	21.0M	8.4	40.1	1.2
MOTT	5.3	- 8.3	18.3	1.2	29.2	2.6	38.6	- 4.9	52.6	- 2.4	60.2	- 3.2	72.8	1.0	68.1	- 1.0	53.9	- 5.0	43.7	- 3.1	31.3	1.4	27.3	7.5	41.8	- 1.2
MUNICH 4 SW	-7.6		2.2M		18.0		34.5		53.9		58.2		69.8M		62.8		51.0		41.8		25.0M		16.0		35.5	
NAPOLEON	2.8	- 5.6	14.2M	2.0	28.1	4.1	41.9	- 0.3	54.7M	0.0	63.4	0.0	75.4	4.6	69.6M	0.5	56.4	- 2.4	45.7	- 0.6	30.5	2.7	24.0	8.7	42.2	1.1
NEW ENGLAND	5.3	- 9.0	18.7	1.3	29.8M	2.8	38.8	- 4.2	52.9	- 1.9	60.4	- 3.0	72.4	0.3	67.7	- 1.7	54.6	- 4.1	43.7	- 2.5	30.8	0.6	27.8	7.9	41.9	- 1.1
NEW SALEM 1 S	3.4	- 7.6	14.5	0.0	27.7	2.7	40.9M	- 1.7	54.2M	- 0.4	61.7	- 1.4	73.4	2.3	67.5	- 1.4	55.2	- 3.7	44.0	- 2.7	31.4M	2.6	25.3	7.7	41.6	- 0.3
NEWTOWN	2.6	- 3.4	13.7	4.4	28.8	8.2	40.4	- 0.9	55.7	2.3	61.5	- 0.2	73.7M	4.3	67.5	0.5	56.1	0.0	43.7	- 0.9	30.4	3.8	24.1	9.5	41.5	2.3
OAKES	2.5	- 5.9	13.0	0.4	27.7M	1.8	42.0	- 0.7	54.0	- 1.6	62.0	- 3.1	74.4	2.4	67.8	- 1.9	55.2	- 3.8	45.9	- 0.9	29.2M	0.6	22.2	7.2	41.3	- 0.5
PARK RIVER	2.2	- 2.2	11.2	2.2	25.6	3.8	41.6	1.5	56.6	2.4	61.1	- 2.0	73.6	4.0	68.0	0.3	55.5	- 1.7	45.6	0.3	29.0M	3.4	20.4	8.8	40.8	1.7
PARSHALL	1.5		12.5		27.8M		39.6		54.1		61.4M		73.7M		67.0M		55.2		43.7M		29.5		22.7		40.8	
PEMBINA	-0.8M		6.7M		23.0M		40.0		57.5M		58.8		71.3M		67.3M		55.6		46.6		26.7		17.4M		39.2	
PETERSBURG	0.7		9.4		24.5		39.8		53.7		59.5		71.5		66.3		53.4		43.3		27.1		19.0		39.0	
PETTIBONE	0.9M	- 5.6	10.8M	0.2	26.2	3.5	40.5	- 0.7	53.8	- 0.3	61.6	- 1.2	73.7	3.2	66.9M	- 1.3	53.5M	- 4.4	44.2M	- 1.0	28.9	2.5	21.2M	7.8	40.2	0.2
PORTAL	-1.3	- 5.4	8.3	0.1	23.1M	3.7	38.6M	- 0.9	54.5	1.8	60.1M	- 0.6	71.4	3.2	63.8M	- 1.5	M		39.1M	- 4.2	26.0	1.5	19.3M	7.5	-	
POWERS LAKE 1 N	-2.1M		11.4M		24.3M		37.0M		53.0M		59.3M		70.6		64.0M		53.4M		-		-		-		-	
RAUB 10 SSW	3.6		14.4		27.3M		41.9M		55.8M		61.7M		76.1		69.2M		57.5M		M		32.0		26.9		-	
RICHARDTON ABBEY	4.4	- 8.5	17.4	1.3	28.7	3.2	40.3	- 2.4	54.6	0.2	61.8	- 0.8	74.0	3.2	69.2	0.4	55.9	- 2.8	44.5	- 2.7	32.0	2.4	27.8	8.6	42.6	0.2
RIVERDALE	1.7		11.5		25.4		38.8		54.5		61.0		72.4		67.1		55.0		44.4		29.9		23.8		40.5	
ROLLA	-0.9		8.2		23.5		38.1		53.3		57.9		70.9		63.4		52.4		42.7		26.2		17.8		37.8	
RUGBY	1.4M		11.0		26.6		40.6		56.4		62.3M		74.8		67.2M		55.4		45.2M		28.3		20.6		40.8	
SAN HAVEN	-1.2	- 5.4	9.1	0.3	23.9	4.2	38.7	- 0.7	55.1	2.0	59.6	- 1.3	72.3	3.8	64.3	- 1.7	53.6	- 2.0	43.1	- 0.5	26.4	2.4	17.4	6.0	38.5	0.6
SHARON	1.1	- 3.7	9.8	0.3	25.5	3.1	40.2	- 0.3	53.9	0.1	60.3	- 2.4	72.2	2.1	66.5	- 1.2	53.7	- 3.4	43.8	- 1.1	27.5M	1.7	19.5	7.8	39.5	0.2
STANLEY	1.8		12.1		26.7		39.1		54.5		60.7		72.5		66.1		54.2		41.4		27.6		21.9		39.9	
STEELE	3.3M	- 4.3	13.4	1.8	27.6	3.8	42.1M	0.3	54.9	0.6	62.3M	- 0.7	73.4	2.9	67.9	- 0.4	55.5	- 2.6	46.3M	0.4	30.8M	3.4	24.4	9.7	41.8	1.2
TIOGA 1 E	-0.2		9.2		24.7		37.3		53.3M		58.3		70.3		65.0		53.5		40.8		26.9		20.7M		38.3	
TOWNER	0.2M	- 4.8	10.8M	1.5	27.6M	5.9	40.5M	- 1.0	56.1	1.6	61.2	- 1.3	73.5	3.7	64.9	- 2.1	53.2	- 1.1	43.0M	- 1.6	29.6	4.0	20.5M	8.0	40.1	1.1
TURTLE LAKE	1.5		12.0		26.2		40.1		54.9		61.9		73.6		67.3		55.6		44.8		29.1		22.9		40.8	
UNDERWOOD	1.1		10.1		24.9		39.3		54.2		60.4		72.8		67.4		54.2		43.7		29.2		23.1		40.0	
UPHAM 3 N	2.1		10.7		26.8		40.5		56.8		61.6		74.2M		67.5		55.6M		44.4		27.8		20.4		40.7	

See reference notes following Station Index.

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
VALLEY CITY	4.4	- 4.1	13.7M	0.6	28.2M	2.2	43.4M	0.0	56.4	0.3	63.1	- 2.0	74.8M	3.1	67.8M	- 1.6	55.3	- 3.8	45.9	- 1.3	30.7M	2.1	22.8M	7.4	42.2	0.2
VELVA	1.8	- 6.4	11.3	- 1.3	26.3	2.0	39.6	- 3.0	55.4	0.1	61.1	- 2.1	74.2	4.2	66.7	- 0.8	54.7	- 2.9	44.3	- 1.7	29.2	1.9	22.8	7.5	40.6	- 0.2
WAHPETON STATE SCHOOL	6.0	- 3.6	16.7	2.9	29.7	2.8	44.5	- 0.1	56.8	- 0.7	64.9	- 1.9	76.0	2.9	69.9	- 1.3	58.0	- 3.3	48.0	- 1.0	31.4	1.3	23.7	7.7	43.8	0.5
WASHBURN	3.8M	- 6.4	14.4M	0.0	28.6M	3.0	41.9M	- 1.7	56.0M	0.1	62.9	- 1.4	75.6M	3.6	69.3M	0.1	56.3	- 2.9	-		-		-		-	
WATFORD CITY	-		-		-		40.9	- 2.1	56.8	1.7	62.4	- 0.5	74.7	3.3	68.6	- 0.3	56.8	- 1.2	44.3	- 2.2	31.7	2.7	27.5	9.8	-	
WATFORD CITY 14 S	4.7M		17.7		30.0		41.7M		56.5		62.2M		73.6		68.9		56.0M		44.5M		32.8		28.0		43.1	
WESTHOPE	0.2	- 3.5	8.2	0.5	24.8	4.4	37.8M	- 2.4	53.6	- 0.7	58.7	- 3.4	72.6	3.4	64.7	- 2.2	54.0	- 2.3	42.7	- 1.1	25.9	1.6	17.4	6.5	38.4	0.1
WILLISTON WB CITY	1.7	- 8.3	15.2	1.7	29.3	2.8	41.0	- 1.9	56.7	2.1	62.6	- 0.4	75.5	4.6	68.1	0.0	57.3	0.1	43.8	- 1.7	31.0	2.7	25.6	9.9	42.3	1.0
WILLISTON EXP FARM	0.1M		12.7		26.8		38.7M		55.0		60.0M		M		66.8M		56.2		41.6M		29.4M		24.4		-	
WILLOW CITY	-0.4	- 2.9	8.8	2.0	25.3	5.5	38.9	- 0.8	54.1M	1.0	59.6	- 1.9	72.3	3.7	64.9	- 1.1	53.4	- 2.3	43.1M	0.0	26.7	2.8	17.9M	7.9	38.7	1.1
WILTON	M		12.1		25.6M		39.9		53.6		60.4		73.6		M		53.5		43.6		28.4		22.2		-	
WISHEK	1.1M	- 6.6	10.6M	- 1.0	25.3M	1.8	39.5M	- 1.9	51.9M	- 1.9	60.2M	- 2.8	71.0M	0.9	66.2M	- 1.4	53.6M	- 5.9	42.9M	- 1.8	29.1	1.9	22.0	6.8	39.4	- 1.0
DIVISION AVERAGE																										
NORTHWEST DIVISION	1.1	- 5.2	12.1	1.6	26.3	4.9	39.1	- 1.4	54.8	1.6	60.5	- 0.7	72.8	3.8	66.0	- 0.5	55.1	- 0.9	42.1	- 2.5	28.3	2.3	22.4	8.8	40.1	1.0
NORTH CENTRAL DIV	0.0	- 4.5	9.3	0.1	25.2	4.2	39.2	- 1.3	54.9	1.2	60.2	- 1.7	73.0	3.9	65.5	- 1.2	53.9	- 2.2	43.4	- 0.9	27.6	2.5	19.4	7.6	39.3	0.6
NORTHEAST DIVISION	-0.4	- 3.7	9.0	1.1	24.3	3.5	39.8	- 0.1	54.7	1.3	59.6	- 2.6	71.9	2.9	65.9	- 1.0	53.6	- 2.7	43.9	- 0.5	26.9	2.0	18.4	7.8	39.0	0.7
WEST CENTRAL DIV	2.3	- 6.5	12.8	0.1	26.6	3.0	39.9	- 1.9	55.0	0.9	61.2	- 1.1	73.8	3.7	67.8	0.1	55.1	- 2.0	43.8	- 1.8	30.0	2.8	24.2	8.5	41.0	0.4
CENTRAL DIVISION	2.4	- 4.4	11.4	0.4	26.6	3.6	40.9	- 0.4	54.2	0.4	61.4	- 1.2	73.6	3.6	67.3	- 0.6	54.7	- 2.7	44.8	- 0.8	29.1	2.4	22.4	8.8	40.7	0.7
EAST CENTRAL DIV	2.9	- 3.0	12.1	1.1	26.9	2.8	42.0	0.1	55.7	0.5	62.2	- 2.0	74.0	2.8	67.9	- 1.0	55.4	- 3.1	45.6	- 0.6	29.2	2.0	21.4	8.4	41.3	0.7
SOUTHWEST DIVISION	4.7	- 9.0	17.9	0.7	29.2	3.2	38.8	- 4.0	53.7	- 0.6	60.7	- 1.8	73.2	2.2	68.0	- 0.7	54.9	- 3.2	43.6	- 2.9	31.0	1.3	28.4	8.6	42.0	- 0.5
SOUTH CENTRAL DIV	3.1	- 7.8	15.1	- 0.1	28.3	2.7	41.4	- 2.1	54.9	- 0.6	62.5	- 1.5	74.8	2.9	69.2	- 0.5	55.9	- 3.5	45.1	- 2.2	31.1	1.7	25.3	7.6	42.2	- 0.3
SOUTHEAST DIVISION	3.7	- 5.1	14.2	1.1	28.1	2.6	42.4	- 0.5	54.7	- 0.9	63.0	- 1.6	74.4	2.8	68.0	- 1.4	55.8	- 3.3	45.9	- 1.1	30.4	1.7	23.3	7.7	42.0	0.2

CHANGES IN STATION NAMES

NEW NAME	FORMER NAME	DATE
Breien 4 S	Breien	October
Fryburg 1 SSE	Fryburg	April
Haynes 13 NNE	Haynes 9 NNE	December
Marmarth	Marmarth MDU Co.	April
Pembina	Pembina 2 N	August
Tolley	Tolley 4 NE	July
Woodworth	Woodworth 5 E	October

RELOCATION AND CHANGES OF EQUIPMENT

Beach	Equipment moved 2 blocks NW	August 13
Breien 4 S	Recording gage moved 4 miles S	October 3
Butte	Equipment moved 175 yards N	October 9
Carson No. 2	Equipment moved 6 3/4 blocks W	May 9
Fryburg 1 SSE	Recording gage moved 1 mile SSE	April 12
Fullerton	Equipment moved 450 feet S	November 6
Grassy Butte	Recording gage moved 450 feet E	May 16
Halliday	Rain gage moved 0.3 mile E	June 25
Hannaford	Recording gage moved 4 blocks NW	December 17
Haynes 13 NNE	Recording gage moved 4 miles NNE	December 10
Maddock Agri. School	Equipment moved 150 yards S	October 28
Marmarth	Thermometers & standard gage installed	April 10
Napoleon	Equipment moved 3 1/2 blocks SE	May 8
Northgate	Recording gage moved 120 feet S	July 15
Nortonville	Rain gage moved 450 feet S	November 6
Parshall	Equipment moved 300 feet E	July 11
Pembina	Equipment moved 2 1/2 miles S	August 1
Tolley	Rain gage moved 4 miles SW	July 15
Watford City 14 S	Equipment moved 150 yards SE	October 7
Williston Exp. Farm	Equipment moved 543 feet N	May 17
Woodworth	Rain gage moved 5 miles W	October 15

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERCROMBIE 3 NW	.37		.48		.16		4.32		4.02		3.98		3.43		3.45		3.87		1.37		.86		.12		26.43	
ADAMS 7 S	.83		.57		.23		1.59		2.37		2.54		1.99		3.89		1.23		1.89		.49		.19		17.81	
ALEXANDER	.57		.17		.70		2.52		1.40		3.20		1.22		1.30		1.25		.91		1.02		.24		14.50	
ALMONT 7 SW	.22		.27		.20		2.95		2.40		4.25		2.10		2.62		1.20		1.45		.48		.30		18.44	
AMBROSE 3 N	.19		.06		.30		.98		1.30		1.92		3.12		2.43		.68		.55		.52		.14		12.19	
AMENIA	.46		.34		.10		2.88		2.59		5.99		E 5.74		2.18		2.78		1.06		1.19		.15		E25.46	
AMIDON	.07		E .18		.24		1.85		1.63		11.80		1.96		1.32		1.17		.83		.90		E .23		E22.18	
ARVILLA STATE PARK	.21		.32		.06		.37		1.95		2.51		1.49		4.15		8.20		2.06		.31		.08		21.71	
ASHLEY	.07	-.44	.23	-.21	.05	-.72	2.08	.82	4.09	2.11	2.93	-.90	1.70	-.95	3.98	1.79	2.34	1.11	1.81	.87	.30	-.12	.39	.11	19.97	3.47
BALTA	.27		.31		.23		.78		.91		4.08		3.19		2.73		1.15		1.66		.38		.24		15.93	
BANTRY	.25		.47		.05		1.78		1.61		3.17		1.20		6.81		.33		1.43		.24		.11		17.45	
BEACH	.53		.23		.99		2.41		1.22		6.81		1.11		.99		1.84		1.15		.62		.05		17.95	
BELCOURT INDIAN RES	.12		.14		.21		.70		1.35		2.57		2.96		6.13		1.16		1.17		.25		.14		16.90	
BELFIELD	1.06		.56		.44		2.77		1.80		8.99		2.73		2.34		1.61		2.44		.82		.19		25.75	
BERTHOLD	.17		.08		.07		.95		2.36		4.54		2.55		1.31		1.25		1.49		.53		.22		15.52	
BEULAH	.29		.03		.45		1.81		2.24		4.94		2.78		1.21		.84		1.22		.13		.13		16.07	
BISBEE	.20		.26		.18		.98		1.06		3.07		2.85		7.34		1.18		1.09		.26		.15		18.62	
BISMARCK WB AP R//	.43	.07	.23	-.20	.25	-.51	1.61	.22	2.77	.83	2.56	-.77	1.58	-.75	1.58	.08	.74	-.69	1.59	.59	.42	-.11	.38	-.02	14.14	-1.26
BISMARCK 12 ENE	.09		.19		.06		1.37		2.20		3.05		2.95		1.82		.68		E 1.83		.88		.17		E15.29	
BOTTINEAU	.22	-.24	.25	-.10	.34	-.40	1.16	.20	1.19	-.78	3.28	-.52	1.21	-1.34	1.48	-1.09	.44	-.94	1.69	.91	.25	-.14	.09	-.31	11.60	-4.75
BOWBELLS	.20		.20		.20		1.31		1.85		3.56		1.64		2.88		1.42		1.07		.24		.26		14.83	
BOWMAN COURT HOUSE	.27		.15		.16		1.68		1.97		7.11		1.82		1.85		.89		1.59		.71		.10		18.30	
BOWMAN 9 SE	E .21		.18		.05		1.55		1.51		6.80		2.25		3.92		E 1.35		1.63		1.16		.08		E20.69	
BOWMAN 30 NNW	.31		.19		.38		1.39		1.86		10.88		2.16		1.79		1.25		E 1.62		1.29		.02		E23.14	
BURT 16 N	.17		.23		.12		2.04		E 4.20		5.10		1.51		2.74		1.73		.93		.64		.09		E19.50	
BUTTE	.06		.02		.02		.86		1.71		2.25		3.27		1.96		.69		1.09		.34		.08		12.35	
CARRINGTON	.19	-.33	.10	-.38	.13	-.61	.49	-.91	1.91	-.38	3.48	-.16	4.48	1.84	7.21	5.31	2.18	.72	2.87	1.72	.54	-.04	.23	-.18	23.81	6.60
CARSON NO 2	.16	-.37	.15	-.40	T	-1.11	2.30	.89	3.24	.88	4.58	.71	2.25	.16	1.76	.25	1.02	-.32	1.42	.40	.52	-.03	.20	-.15	17.60	.91
CAVALIER	E .21		.27		.35		1.01		2.04		4.58		3.42		5.10		5.43		1.18		.52		.10		E24.21	
CENTER	.42		.07		.53		1.22		2.09		3.22		6.54		1.50		.74		1.71		.47		.57		19.08	
COLGATE	.08		.10		.06		1.42		2.72		3.58		5.56		2.04		4.96		.86		.57		.17		22.12	
COLUMBUS	.21		.11		.17		.69		1.17		2.06		2.54		1.73		.86		.73		.33		.11		10.71	
COOPERSTOWN	.20	-.27	.22	-.41	.07	-.71	.71	-.46	3.24	.88	4.26	.88	4.99	2.48	4.76	2.19	5.66	3.91	3.17	2.03	.56	-.09	.18	-.39	28.02	10.04
COURTENAY	.32	-.30	.39	-.09	.10	-.78	.89	-.36	1.93	-.22	2.73	-.56	E 4.50	1.99	4.98	2.70	4.09	2.52	3.00	1.89	.72	.12	.22	-.37	E23.87	6.54
CROSBY	.17	-.19	.11	-.23	.31	-.31	.75	-.04	1.07	-.57	2.07	-1.22	1.27	-.86	2.27	.42	.70	-.39	.78	-.05	.37	-.03	.18	-.23	10.05	-3.70
DEVILS LAKE WB CITY R//	.40	.00	.42	.01	.43	-.30	.74	-.70	1.26	-.87	4.14	.96	1.51	-1.16	4.71	2.54	2.26	.19	1.56	.30	.52	-.15	.29	-.19	18.24	.63
DICKINSON CAA AP R//	.42		.18		.27		2.12		2.07		7.68		2.99		1.91		1.66		1.52		1.19		.15		22.16	
DICKINSON EXP STATION	.41	-.07	.21	-.24	.32	-.44	2.59	1.23	2.10	.09	6.61	2.63	3.46	1.46	1.49	-.27	1.98	.85	1.94	1.06	.88	.33	.16	-.16	22.15	6.47
DONNYBROOK	.19		.06		.03		.86		1.36		4.12		1.35		.97		.62		.91		.29		.12		10.88	
DRAKE	.19	-.26	.13	-.25	.18	-.52	.63	-.58	3.43	1.59	4.47	.74	3.76	1.13	2.74	.65	1.08	-.33	1.25	.39	.51	-.12	.22	-.15	18.59	2.29
DUNN CENTER 2 SW	.38	-.05	.06	-.33	.50	-.15	1.91	.65	1.94	-.05	6.00	2.15	2.28	-.06	1.73	-.24	2.36	1.12	1.89	1.08	.76	.30	.10	-.17	19.91	4.25
ECKMAN 2 SE	.17		.18		.11		1.21		1.27		3.59		1.86		2.37		.54		1.88		.36		.19		13.73	
EDGELEY EXP FARM	.11	-.33	.17	-.28	.10	-.66	2.17	.64	3.12	.74	3.64	-.12	3.84	1.27	3.02	1.08	2.56	1.13	3.40	2.45	.95	.49	.40	.06	23.48	6.47
EDMORE 1 W	.21		.30		.29		.81		1.23		2.97		5.25		4.12		2.60		2.33		.30		.24		20.65	
ELGIN 5 S	.04		.06		T		2.66		3.16		4.72		1.19		1.77		.74		1.17		.48		.06		16.05	
ELLENDALE	.26	-.28	.49	-.13	.11	-.89	3.35	1.41	3.91	1.69	3.25	-.60	2.62	-.22	2.22	-.27	3.95	2.59	3.36	2.28	1.01	.38	.39	-.12	24.92	5.84
ENDERLIN	.49		.24		.13		2.97		3.00		4.41		4.91		4.26		3.56		1.09		.74		.26		26.06	
EPPING	.68		.22		.42		1.50		1.04		3.71		1.46		3.54		.78		.62		.79		.27		15.03	
FAIRFIELD	E .50		.01		.72		2.10		1.89		5.81		1.86		1.77		1.73		1.34		1.01		.07		E18.81	
FARGO WB AP R//	.31	-.29	.23	-.43	.08	-.81	1.90	.02	2.00	-.17	5.47	2.43	4.72	2.41	1.68	-1.05	6.13	4.41	1.64	.38	.82	-.05	.05	-.55	25.03	6.30
FESSENDEN	.36	-.21	.12	-.39	.14	-.64	.60	-.74	2.14	.00	2.32	-1.04	5.57	2.75	6.11	4.14	1.53	.06	2.54	1.50	.60	-.08	.21	-.32	22.24	5.03
FLASHER	E .25		.07		.02		1.66		3.21		2.89		1.43		1.39		.84		1.48		.21		.26		E13.71	
FLAXTON	.22		.14		.25		.88		1.62		2.71		1.71		2.78		.15		E .82		E .25		E .29		E11.82	
FORBES 13 NW	.09		.16		.01		2.61		3.82		2.60		2.93		3.58		1.91		1.78		.78		.31		20.58	
FORMAN	.27	-.22	.26	-.31	.11	-.81	5.12	3.21	5.03	2.48	5.58	1.66	2.22	-.91	4.53	2.34	4.63	3.21	1.01	-.16	.91	.27	.31	-.21	29.98	10.55
FORT YATES	E .25	-.14	.12	-.33	.07	-.73	.95	-.42	5.26	3.16	1.75	-1.83	1.49	-.52	.72	-1.02	1.15	-.03	2.13	1.01	.36	.00	.27	.02	E14.52	-.83
FOXHOLM 7 N	.07	-.43	.13	-.23	.05	-.72	1.15	-.04	1.62	-.22	4.80	1.28	1.22	-.76	1.40	-.70	.91	-.33	1.57	.79	1.39	.82	.40	-.01	14.71	-.55
FULLERTON	.61	-.26	.44	-.51	.13	-1.13	3.03	.88	3.97	1.46	3.89	-.08	4.15	1.68	2.47	.26	3.26	1.90	3.27	2.11	1.17	.31	.24	-.54	26.63	6.08
GACKLE	.11		.30		.02		1.60		3.08		2.23		3.26		3.19		2.16		3.08		.70		E .44		E20.17	
GARRISON	.33	-.26	.05	-.49	.41	-.34	1.06	-.21	1.09	-.96	3.04	-.44	2.81	.46	1.52	-.30	.83	-.44	.91	.13	.27	-.42	.33	-.11	12.58	-3.38
GLEN ULLIN 13 N	E .33		E .14		E .33		1.35		1.74		2.70		3.35		.94		1.36		E 1.13		E .42		E .39		E14.18	
GOLDEN VALLEY 10 S	.36		.08		.26		1.68		2.21		3.91		2.48		1.28		1.18		.71		E .52		.20		E14.87	
GRAFTON	.32	-.40	.47	-.11	.21	-.69	.85	-.61	1.63	-.23	2.83	-.36	2.01	-1.19	3.91	1.26	8.93	6.88	1.30	.12	E .52	-.38	.03	-.57	E23.01	3.72
GRAND FORKS CAA AP R	.83		.49		.11		.64		2.23		3.04		1.46		5.28		4.90		1.83		1.14		.09		22.04	
GRAND FORKS UNIVERSITY	.30	-.30	.51	-.04	.13	-.78	.98	-.53	3.21	.88	3.78	.21	2.20	-.76	4.04	.91	7.54	5.81	1.94	.72	.93	.01	.11	-.51	25.67	5.62
GRAND RAPIDS 1 N	.28		.21		.16		2.45		3.03		4.04		3.32		3.62		2.97		3.17		1.22		.44		24.91	
GRANVILLE	.19	-.36	.24	-.13	.17	-.50	.51	-.71	1.91	-.13	3.79	-.14	2.09	-.33	4.93	2.79	.68	-.55	1.50	.75	.42	-.09	.25	-.16	16.68	.44
GRASSY BUTTE 10 N	.68		.30		.64		2.14		1.10		4.85		3.80		1.08		-								-	
GRENORA	.12		.02		.47		.68		.91		2.92		2.48		2.30		1.21		.85		.55		.11		12.62	
HAGUE	.19		.20		.02		1.89		3.44		2.54		3.71		2.68		1.88		1.60		.45		.24		18.84	
HALLIDAY	.16		.07		.82		2.36		1.30		5.33		4.72		1.29		1.80		1.36		E .40		.04		E19.65	
HANKINSON R R STATION	.20	-.36	.22	-.36	.28	-.82	2.76	.87	5.56	3.15	5.77	1.86	2.31	-.15	4.41	1.98	2.44	.75	1.14	.10	.94	.25	.20	-.39	26.23	6.88
HANNAH	.22	-.32	.24	-.21	.43	-.34	.74	-.35	1.27	-.79	4.39	.73	4.17	1.47	4.73	1.84	.93	-.98	.88	-.18	.28	-.42	.14	-.28	18.42	.17
HANSBORO	.07	-.35	.07	-.19	.11	-.55	1.00	.08	1.29	-.56	2.79	-.94	1.61	-.98	4.77	2.21	1.09	-.28	.94	.12	.03	-.49	.15	-.18	13.92	-2.11
HARVEY	.58	.22	.21	-.18	.84	.13	.91	-.32	3.07	1.15	2.02	-1.46	4.73	2.04	4.66	2.85	2.91	1.48	1.81	.81	.93	.43	.29	-.01	22.96	7.14
HETTINGER	.14	-.23	.18	-.11	.33	-.39	1.85	.60	2.60	.49	5.64	2.17	1.42	-.56	2.02	.20	1.27	.14	1.01	.18	1.11	.75	.09	-.14	17.66	3.10
HILLSBORO	.39	-.14	.24	-.30	.05	-.78	1.73	.03	1.85	-.57	4.58	.81	3.43	.43	1.12	-1.70	7.27	5.39	1.69	.56	.92	.16	.02	-.55	23.29	3.34
JAMESTOWN CAA AP R//	.46		.34		.08		1.12		1.88		2.60		3.81		3.28		2.92		2.69		.79		.47		20.44	
JAMESTOWN STATE HOSP	.25	-.21	.13	-.44	T	-.88	1.16	-.48	2.17	-.02	2.70	-.62	3.54	.81	3.69	1.56	2.34	1.02	2.90	1.73	.58	-.09	.43	-.05	19.89	2.33
KEENE 2 S	.48		.18		.39		E 1.04		1.61		4.66		2.44		1.29		.68		1.15		.88		.25		E15.05	
KENMARE	.14	-.36	.19	-.30	.12	-.71	1.10	.03	1.37	-.49	3.76	.24	1.16	-1.09	1.69	-.21	.67	-.69	.88	.08	.28	-.25	.23	-.23	11.59	-3.98
KENSAL WILDLIFE REFUGE	.31		.13		.12		.79		2.13		3.39		3.11		4.89		2.90		3.15		.40		.29		21.61	
KILLDEER 8 NW	.63		T		.87		1.97		2.60		7.44		3.27		2.01		1.64		1.38		1.38		T		23.19	
KULM	.26		.23		.03		2.13		3.62		3.53		3.07		1.56		3.42		3.46		1.13		E .37		E22.81	
LANGDON EXP FARM	.32	-.47	.34	-.24	.36	-.56	.95	-.34	1.49	-.46	3.17	.11	2.46	-.16	5.40	2.77	2.12	.07	1.38	.27	.45	-.30	.13	-.43	18.57	.26
LANSFORD	.32		.22		.31		.83		1.19		3.61		1.26		2.30		.97		1.70		.25		.20		13.16	
LARIMORE	E .27	-.18	E .32	-.14	.06	-.80	.53	-.84	2.56	.35	3.52	.43	1.65	-.88	4.29	1.68	11.69	9.96	1.36	.16	1.19	.41	.10	-.37	E27.54	9.78
LEEDS	.12		.44		.18		1.11		1.41		2.98		1.59		3.47		1.50		1.50		.55		.28		15.13	
LEFOR 10 E	.50		.17		.09		2.76		2.98		6.84		2.27		1.50		1.90		.98		.90		.42		21.31	
LINTON	.18	-.22	.13	-.26	.06	-.66	1.75	.39	3.67	1.62	2.04	-2.05	1.71	-.76	2.11	.26	1.24	-.19	2.13	1.03	.82	.42	.54	.23	16.38	-.19
LISBON	.48	-.03	.38	-.20	.23	-.67	3.12	1.20	3.40	1.05	4.99	1.13	3.37	.84	5.36	2.49	2.98	1.51	1.23	.04	1.15	.48	.37	-.14	27.06	7.70
LITCHVILLE	.26		.21		.16		2.42		3.49		2.95		2.91		5.32		3.62		1.85		1.16		.30		24.65	
LOSTWOOD 12 N	E .15		.13		.11		E 1.17		1.84		3.64		E 1.63		E 2.01		.58		.85		E .23		.16		E12.50	
MADDOCK AGR SCHOOL	.10	-.44	.14	-.32	.12	-.62	.86	-.22	1.55	-.46	2.09	-1.48	5.56	2.77	3.47	1.38	3.56	2.09	1.77	.87	.47	-.03	.19	-.21	19.88	3.33
MANDAN EXP STATION	.40	-.10	.13	-.35	.22	-.68	1.51	.09	3.09	1.14	2.74	-1.04	1.94	-.39	1.68	-.08	.92	-.42	2.11	1.19	E .25	-.34	.33	-.04	E15.32	-1.02
MANDAN FT LINCOLN PARK	.35		.11		.09		1.72		6.45		3.60		1.61		1.63		.67		1.94		.42		.46		19.05	
MARMARTH	E .17	-.39	E .17	-.28	.40	-.40																			-	
MARMARTH							E 1.80	.68	1.58	-.34	5.57	1.98	2.05	.13	2.71	1.06	1.23	.23	.93	.01	.73	.28	.14	-.24	-	
MARTIN	.18		-		.03		-		2.28		2.61		3.28		3.10		-								-	
MAX	.30	-.15	.16	-.24	.40	-.33	1.10	-.15	2.55	.36	3.80	-.18	4.20	1.54	2.90	.74	1.15	-.15	1.15	.43	.39	-.20	.37	.01	18.47	1.68
MAYVILLE	.33	-.20	.35	-.18	.08	-.60	.87	-.40	1.61	-.66	4.63	1.11	1.85	-.71	3.32	.63	5.00	3.26	1.29	.23	.43	-.21	.11	-.38	19.87	1.89
MC CLUSKY	.50	-.13	.08	-.43	.30	-.54	.84	-.65	2.14	-.18	4.94	.87	2.70	.56	2.30	.39	1.18	-.30	1.54	.52	.28	-.37	.22	-.29	17.02	-.55
MC HENRY 5 N	.20		.16		.09		.57		2.25		2.70		5.37		4.82		4.88		3.24		.55		.13		24.96	
MC LEOD 3 E	.14	-.39	.34	-.13	.20	-.79	3.56	1.89	2.82	.31	3.83	.39	3.43	.58	4.18	1.53	3.14	1.60	1.24	.12	E .96	.2[illegible]	.16	-.31	E24.00	5.06
MC VILLE	.25		.19		.15		.36		3.15		3.27		3.44		4.08		5.31		2.08		.45		.19		22.92	

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM LONG—TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MEDINA	E .32		E .22		E .05		.68		1.70		1.93		3.60		2.65		1.47		2.44		.35		.24		E15.65	
MEDORA 3 NNE	.58		.22		.73		2.61		1.55		7.33		1.06		1.49		2.62		1.33		.87		.12		20.51	
MEDORA 23 NNW	.61		.14		1.18		2.65		1.76		6.46		1.64		1.74		.94		1.34		.63		.03		19.12	
MINOT CAA AP	.39		.20		.11		1.00		1.52		3.56		1.69		3.68		1.04		1.53		.34		.18		15.24	
MINOT EXP STATION	.29		.12		.08		1.27		2.12		4.05		1.93		2.52		.55		1.51		.53		.10		15.07	
MOFFIT 4 SE	.10		.09		T		.81		3.26		3.03		2.26		1.50		.88		1.83		.33		.30		14.39	
MOHALL	.07	- .43	.12	- .35	.16	- .73	1.04	- .27	1.57	- .44	3.24	- .77	1.01	-1.54	2.39	.21	.75	- .67	1.36	.53	.25	- .33	.16	- .28	12.12	- 5.07
MONTPELIER	.19		.20		.16		2.36		2.29		2.74		2.23		3.54		2.07		4.33		.94		.44		21.49	
MOTT	.23	- .20	.20	- .21	.10	- .69	2.21	1.14	1.97	.07	6.08	2.43	1.20	- .77	1.61	.06	1.59	.32	.76	.08	.76	.32	.12	- .18	16.83	2.37
MUNICH 4 SW	.33		.16		.41		.78		1.41		3.47		3.56		5.38		1.25		1.32		.44		.11		18.62	
NAPOLEON	.30	- .24	.18	- .27	.08	- .87	1.22	- .15	1.97	- .34	2.59	-1.13	3.14	.25	3.12	1.17	1.83	.43	1.73	.53	.96	.33	.62	.25	17.74	- .04
NEW ENGLAND	.19	- .44	.20	- .39	.18	- .93	1.71	.20	1.87	- .01	8.93	4.93	2.02	- .37	1.92	.34	1.45	.30	.85	.00	1.15	.63	.16	- .22	20.63	4.04
NEW ROCKFORD 7 WNW	.20		E .16		.08		E .76		2.70		1.97		6.91		3.79		3.80		2.13		.60		.19		E23.29	
NEW SALEM 1 S	.45	.00	.19	- .29	.19	- .62	1.73	.44	2.17	.15	5.34	1.80	3.13	.92	2.89	1.09	1.43	.13	1.63	.87	.18	- .29	.38	.08	19.71	4.28
NEWTOWN	.31	- .19	.11	- .33	.15	- .42	1.60	.39	1.85	.19	3.31	- .30	3.20	1.23	1.19	- .49	.52	- .70	1.09	.35	.25	- .35	.21	- .18	13.79	- .80
NOONAN	.42		.22		.38		1.20		.71		2.62		2.38		1.42		.73		.53		.57		.38		11.56	
NORTONVILLE	.22		.22		E .09		2.02		2.71		2.38		4.16		3.32		1.93		3.16		.96		.29		E21.46	
OAKES	.40	- .09	.41	- .18	.11	- .82	3.73	2.00	3.32	1.00	2.82	- .86	4.13	1.64	2.67	.63	3.97	2.72	1.22	.13	.93	.30	.49	- .01	24.20	6.46
PARK RIVER	.17	- .19	.15	- .21	.16	- .58	1.48	.16	2.09	.30	3.69	.63	2.36	- .53	3.18	.99	6.47	4.34	1.44	.33	.19	- .44	.02	- .38	21.40	4.42
PARSHALL	.22	- .18	.09	- .22	.11	- .36	1.09	- .06	.96	-1.06	2.62	- .92	2.02	- .39	3.05	1.38	.97	- .47	1.36	.64	.30	- .19	.19	- .09	12.98	- 1.92
PEMBINA	.19	- .39	E .29	- .15	.33	- .39	1.14	- .07	1.44	- .45	3.46	.39	7.95	5.03	2.57	- .31	3.47	1.02	.64	- .54	.49	- .23	.16	- .24	E22.13	3.67
PETERSBURG	.20	- .22	.34	- .09	.12	- .57	.56	- .57	2.37	.34	2.97	- .18	1.77	- .91	4.24	1.74	5.66	3.88	1.57	.40	.36	- .21	.09	- .34	20.25	3.27
PETTIBONE	.14	- .33	.13	- .37	.10	- .69	.67	- .72	2.59	.48	2.01	-1.00	3.75	1.03	4.02	1.87	2.14	.50	2.57	1.42	.34	- .16	.29	- .09	18.75	1.94
PINGREE	-		-		.14		.82		2.10		3.37		3.65		3.44		2.25								-	
PORTAL	.11	- .32	.17	- .27	.36	- .31	.84	.01	1.20	- .68	2.56	-1.22	2.41	.31	2.33	.06	.91	- .33	1.10	.35	.26	- .21	.31	- .13	12.56	- 2.74
POWERS LAKE 1 N	.03		.07		.05		1.38		.76		3.33		1.53		1.55		.51		E .69		E .33		E .19		E10.42	
PRETTY ROCK	.16		.04		.02		2.49		3.20		4.77		1.50		2.44		.80		1.53		.74		.11		17.80	
RAUB 10 SSW	.37		.05		.31		2.74		2.27		4.36		2.92		1.77		.40		E 1.16		E .16		.05		E16.56	
REEDER	.32		.20		.45		2.15		1.75		6.98		2.17		1.76		1.65		1.51		1.20		.14		20.28	
REEDER 14 N	.06		.09		.05		1.42		1.53		5.66		1.72		1.64		1.12		1.50		.87		.06		15.72	
RICHARDTON ABBEY	.50	- .06	.22	- .33	.30	- .75	2.36	.90	2.23	.21	6.52	2.53	1.83	- .76	1.42	- .37	1.71	.57	.97	.14	.66	- .16	.32	- .04	19.04	1.88
RIVERDALE	.27		.03		.34		.79		1.10		3.67		6.24		1.21		.82		.87		.22		.25		15.81	
ROLLA	.32		.18		.27		.73		1.39		2.80		2.32		7.92		1.28		1.22		.36		.19		18.98	
RUGBY	.19	- .39	.24	- .15	.12	- .66	.80	- .23	1.04	- .72	4.08	.71	2.06	- .59	4.05	1.84	.70	- .61	1.66	.85	.35	- .18	.22	- .31	15.51	- .44
RYDER	.14		.12		.24		1.95		1.32		2.60		2.62		1.28		.32		1.22		.2[illegible]		.12		12.21	
SAN HAVEN	.23	- .26	.28	- .12	.40	- .18	.67	- .20	1.16	- .76	2.88	- .63	2.36	- .49	5.58	3.20	.52	- .87	1.79	1.07	.19	- .24	.25	- .15	16.31	.37
SCRANTON	.22		.18		.13		1.74		1.28		8.26		2.79		1.81		1.28								-	
SELFRIDGE 11 W	.38		.82		.42		1.57		4.47		2.94		.66		1.37		.83		2.55		.55		.15		16.71	
SENTINEL BUTTE 20 S	.22		.19		.50		2.23		2.07		5.97		2.79		1.40		1.95		1.59		.85		.05		19.81	
SHARON	.30	- .22	.30	- .17	.08	- .80	.61	- .83	2.92	.28	4.09	.73	1.68	- .98	4.27	1.53	4.96	3.13	3.33	2.08	.53	- .21	.15	- .37	23.22	4.17
SHERWOOD 3 N	.18		.16		.41		1.65		1.90		3.64		1.08		2.62		.46		1.23		.41		.29		14.03	
SHIELDS	.14		.05		T		1.78		3.29		4.79		.97		1.52		.83		1.50		.3[illegible]		.24		15.47	
STANLEY	.27		.16		.15		.88		1.23		2.47		2.21		.85		.90		1.04		.34		.29		10.79	
STEELE	.40	- .04	.23	- .14	.04	- .56	.93	- .39	2.30	.04	3.26	- .62	5.80	3.29	2.24	.20	1.05	- .66	2.28	1.08	.49	.04	.63	.31	19.65	2.55
SYKESTON	.25		.12		.09		.57		1.51		1.91		E 4.24		8.52		E 2.30		1.90		.54		.11		E22.06	
TAGUS	.27		.10		.09		1.46		1.51		3.48		1.35		.80		.81		1.36		.1[illegible]		.20		11.60	
TIOGA 1 E	.40		.25		.03		1.68		1.23		2.89		1.68		1.43		.61		.49		.44		.29		11.42	
TOLLEY	T		.05		T		-		-		-		1.00		2.10		.51		-		.25		-		-	
TOWNER	.11	- .46	E .13	- .32	.13	- .83	1.25	- .10	1.37	- .61	3.69	.00	1.79	- .47	1.97	- .27	.41	-1.01	1.34	.55	.52	- .11	.23	- .30	E12.94	- 3.93
TROTTERS 6 SE	.47	- .07	.28	- .16	1.10	.35	1.92	.87	1.29	- .55	4.82	1.81	.91	-1.15	2.25	.57	1.05	- .11	.44	- .30	.71	.17	.16	- .22	15.40	1.21
TURTLE LAKE	.30		.11		.20		.88		1.60		2.65		4.88		1.04		.71		1.12		.29		.13		13.91	
TUTTLE	.46		.15		.11		1.00		6.84		2.44		5.68		4.02		1.29		1.78		.17		.47		24.41	
UNDERWOOD	.44		.11		.67		.92		2.03		4.59		4.70		1.60		.84		1.15		.2[illegible]		.25		17.58	
UPHAM 3 N	.14		.12		.22		.60		.95		4.50		1.01		2.23		.35		1.54		.31		.12		12.09	
VALLEY CITY	.39	- .07	.16	- .33	.12	- .63	2.38	.96	2.54	.19	5.27	1.97	5.42	2.61	3.90	1.57	3.34	1.84	2.84	1.66	.97	.23	.49	- .02	27.82	9.98
VELVA	.32	- .25	.16	- .27	.09	- .62	1.19	- .10	1.73	- .43	3.13	- .52	2.54	- .02	3.22	1.11	.70	- .63	1.36	.56	.54	- .15	.17	- .29	15.15	- 1.61
VERONA	.02		.12		.12		3.12		3.33		3.42		4.13		6.64		3.96		2.00		.85		.20		27.91	
WAHPETON STATE SCHOOL	.39	- .21	.34	- .23	.59	- .27	2.42	.43	5.12	2.48	5.06	1.49	2.37	- .67	3.08	.05	4.89	3.28	.74	- .41	1.00	.29	.18	- .43	26.18	5.80
WALHALLA	.13		E .28		.45		1.00		2.11		2.60		2.54		5.43		2.64		1.26		.42		T		E18.86	
WARWICK	.13		.06		E .10		E .66		2.54		3.36		8.40		3.38		4.92		2.70		E .51		.08		E26.84	
WASHBURN	.50	.10	.05	- .35	.45	- .24	.86	- .46	2.00	.25	4.46	.77	4.48	2.13	1.79	.01	.93	- .39	E 1.54	.72	E .33	- .16	E .37	.05	E17.76	2.43
WATAUGA S DAK 8 N	.31		.14		.10		2.14		4.08		2.85		.68		3.08		.72		.89		.88		.12		15.99	
WATFORD CITY	E .48	- .13	E .17	- .38	E .49	- .36	2.14	.81	.86	- .99	4.14	.56	2.25	- .11	1.41	- .14	1.02	- .23	1.11	.15	1.12	.56	.29	- .20	E15.48	- .46
WATFORD CITY 14 S	.39		.17		.37		2.43		1.10		4.51		3.28		1.41		1.64		.67		1.14		.15		17.26	
WESTHOPE	.23		.12		.23		1.04		1.03		3.99		.84		1.83		1.45		1.99		.19		.15		13.09	
WILDROSE	.29	- .25	.22	- .26	.40	- .29	.77	- .13	1.54	- .09	2.16	-1.10	2.40	.60	1.15	- .70	1.76	.63	.89	.13	.61	.16	.21	- .27	12.40	- 1.57
WILLISTON WB CITY R//	.60	.11	.19	- .27	.44	- .31	1.69	.62	.90	- .76	2.38	-1.21	1.83	- .30	.76	- .65	.71	- .50	.74	- .03	.84	.26	.30	- .24	11.38	- 3.28
WILLISTON EXP FARM	.20		.10		.23		2.07		1.15		2.67		1.98		1.07		.87		.67		1.01		.14		12.16	
WILLOW CITY	.21	- .34	.20	- .19	.22	- .48	.73	- .34	1.11	- .70	3.36	- .34	.66	-1.82	5.39	3.35	.30	- .96	1.47	.76	.27	- .27	.05	- .46	13.97	- 1.79
WILTON	.65		.18		.28		.77		1.77		2.99		6.33		E 2.73		.98		1.77		.30		.29		E19.04	
WISHEK	.22	- .23	.09	- .29	.18	- .53	1.61	.23	2.88	.72	1.71	-2.05	2.03	- .73	2.62	.84	1.94	.64	1.86	.90	.76	.35	.59	.31	16.49	.16
WOODWORTH	.45		E .22		T		.55		1.94		1.97		3.20		3.65		1.58		2.37		.50		E .27		E16.70	
ZAHL	.42		.17		.37		.94		1.31		2.03		1.90		1.46		1.00		.85		1.06		.23		11.74	
DIVISION AVERAGES																										
NORTHWEST DIVISION	.22	- .24	.14	- .28	.18	- .49	1.22	.13	1.36	- .54	3.17	- .42	1.83	- .32	1.96	.02	.81	- .47	1.06	.29	.4[illegible]	- .02	.22	- .18	12.65	- 2.52
NORTH CENTRAL DIV	.19	- .35	.20	- .21	.20	- .59	.88	- .25	1.46	- .51	3.41	- .36	2.17	- .35	3.79	1.53	.98	- .41	1.54	.75	.37	- .19	.18	- .28	15.37	- 1.22
NORTHEAST DIVISION	.28	- .28	.30	- .16	.23	- .57	.82	- .45	1.86	- .13	3.39	.07	2.89	.08	4.55	1.84	4.65	2.73	1.46	.37	.49	- .23	.13	- .36	21.05	2.91
WEST CENTRAL DIV	.36	- .11	.08	- .36	.38	- .37	1.39	.09	1.74	- .27	3.90	.11	4.07	1.69	1.62	- .31	1.00	- .36	1.22	.39	.41	- .14	.23	- .13	16.40	.23
CENTRAL DIVISION	.31	- .20	.16	- .32	.11	- .67	.80	- .60	2.17	- .10	3.04	- .53	4.24	1.58	4.28	2.14	2.35	.78	2.64	1.50	.51	- .08	.32	- .12	20.93	3.38
EAST CENTRAL DIV	.34	- .16	.26	- .26	.08	- .70	1.58	.16	2.39	- .05	4.90	1.45	3.68	1.01	3.03	.49	5.02	3.35	2.15	1.02	.7[illegible]	.07	.16	- .37	24.36	6.01
SOUTHWEST DIVISION	.41	- .09	.21	- .25	.40	- .45	2.19	.86	1.88	- .07	7.30	3.53	1.96	- .15	1.76	.00	1.60	.42	1.28	.42	.8[illegible]	.39	.15	- .17	20.02	4.44
SOUTH CENTRAL DIV	.29	- .15	.16	- .31	.12	- .71	1.70	.38	3.59	1.53	3.32	- .57	2.01	- .25	1.83	- .02	1.03	- .33	1.80	.79	.42	- .08	.35	.03	16.62	.31
SOUTHEAST DIVISION	.29	- .24	.29	- .26	.17	- .75	2.75	1.05	3.62	1.25	3.78	- .01	3.12	.39	3.52	1.23	3.11	1.69	1.96	.86	.91	.30	.37	- .10	23.89	5.43

See reference notes following Station Index.

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

NORTH DAKOTA
1957

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
ALMONT 7 SW	103	8- 1	-28	1-24	4-13	14	4-13	14	4-17	23	4-17	23	4-18	32	9-19	31	10- 9	27	10-24	21	10-25	10	10-25	10	195	195	190	175	154
AMENIA	95	7-10+	-29	1-29	4-12	13	4-13	20	4-14	21	5- 4	27	5-16	31	9-20	32	9-26	28	10-24	23	10-25	20	11- 9	10	211	195	193	145	127
AMIDON	-	-	-	-	4-13	12	4-17	20	-	-	-	-	-	-	9-13	30	10- 7	26	10-24	19	10-24	19	10-26	14	196	190	-	-	-
ARVILLA STATE PARK	103	7-10	-37	1-29	4-14	15	4-27	20	5-16	24	5-27	28	6-12	32	9-20	28	9-20	28	9-26	20	9-26	20	10-26	11	195	152	133	116	100
ASHLEY	94	7-11+	-32	1-29	4-13	11	4-14	20	4-14	20	-	-	-	-	9-16	32	10-17	25	10-24	21	10-25	11	10-25	11	195	194	193	-	-
BEACH	98	8- 7	-31	1-24	4-13	13	4-13	13	4-17	23	5-10	28	5-23	30	9-13	32	10- 5	28	10-17	24	10-25	14	10-25	14	195	195	183	148	113
BELCOURT INDIAN RES	98	7-10	-40	1-29	4-14	12	4-14	12	4-17	23	5-23	28	5-23	28	9-16	29	9-19	23	9-19	23	9-23	20	10-24	13	193	162	155	119	116
BELFIELD	99	8- 6	-31	1-24	4-12	6	4-17	19	4-17	19	4-17	19	5-23	29	9-13	30	9-19	20	9-19	20	9-19	20	10-25	11	196	155	155	155	113
BEULAH	101	8- 7	-40	1-24	4-14	13	4-14	13	4-15	24	4-17	28	5-23	29	9-13	28	9-13	28	9-26	23	10-24	19	10-25	10	194	193	164	149	113
BISBEE	101	7-10	-31	1-29	4-11	5	4-14	18	4-17	23	4-27	27	5-23	31	9-19	25	9-19	25	9-26	24	10-24	15	10-24	15	196	193	162	145	119
BISMARCK WB AP	104	8- 1	-35	1-29	4-13	16	4-14	20	4-14	20	4-16	26	5- 5	31	9-26	27	9-26	27	10-17	24	10-24	18	10-25	15	195	193	186	163	144
BOTTINEAU	101	7-11	-34	1-29	4-13	16	4-13	16	4-27	24	5- 9	28	5-23	30	9-16	31	9-19	21	9-19	21	10-24	12	10-24	12	194	194	145	133	116
BOWBELLS	98	7-10+	-29	1-29	4-13	11	4-14	19	4-14	19	5- 9	27	5-23	31	9-19	22	9-19	22	9-19	22	10-24	2	10-24	2	194	193	158	133	119
BOWMAN COURT HOUSE	99	8- 6	-28	1-25+	4-13	15	4-17	20	4-17	20	4-17	20	5-23	32	9-18	32	10- 7	26	10-23	24	10-24	18	10-25	11	195	190	189	173	118
BUTTE	101	7-11	-	-	4-13	16	-	-	-	-	4-29	27	-	-	9-18	30	9-19	28	10- 9	24	10-24	19	10-25	8	195	-	-	143	-
CARRINGTON	99	7-11+	-31	1-29	4-13	15	4-14	18	4-14	18	5- 9	28	5-23	32	9-19	30	9-23	26	10-24	19	10-24	19	10-25	11	195	193	193	137	119
CARSON NO 2	102	8- 2	-28	1-24	4-13	7	4-14	18	4-14	18	4-17	28	5-23	31	9-13	31	10- 9	26	10-24	21	10-25	11	10-25	11	195	194	193	175	113
CAVALIER	95	7-10	-	-	4-11	10	4-14	19	4-14	19	5- 9	27	5-16	32	9-19	31	9-26	22	9-26	22	10-24	18	11- 8	16	211	193	165	140	126
CENTER	103	8- 1	-34	1-29	4-14	15	4-14	15	5- 5	24	5- 9	27	5-23	29	9-16	29	9-21	28	9-26	24	10-24	19	10-25	11	194	193	144	135	116
COOPERSTOWN	100	7-10	-31	1-29	4-14	15	4-14	15	4-14	15	5- 9	28	5-23	31	9-23	26	9-23	26	10-24	20	10-24	20	10-25	16	194	193	193	137	123
CROSBY	99	7-10+	-29	1-24	4-13	15	4-13	15	4-17	24	4-27	28	4-27	28	9-19	24	9-19	24	9-19	24	10-24	6	10-24	6	194	194	155	145	145
DEVILS LAKE WB CITY	100	7-10	-27	1-29	4-13	16	4-13	16	4-14	24	4-17	28	5-23	32	9-19	30	9-26	26	10-23	24	10-24	15	10-24	15	194	194	192	162	119
DICKINSON CAA AP	102	8- 6	-29	1-24	4-13	14	4-14	18	4-17	22	4-17	22	5-23	31	9-18	31	10- 9	28	10-24	14	10-24	14	10-24	14	194	193	190	175	118
DICKINSON EXP STATION	101	8- 7	-31	1-24+	4-13	10	4-17	19	4-17	19	4-17	19	5-23	30	9-13	31	9-19	28	10-17	24	10-25	12	10-25	12	195	191	183	155	113
DRAKE	100	7-11	-29	1-24	4-13	13	4-14	19	4-14	19	4-27	28	6- 1	29	9-19	26	9-19	26	10- 9	23	10-24	20	10-25	9	195	193	178	145	110
DUNN CENTER 2 SW	102	8- 7	-30	1-24	4-13	15	4-13	15	4-14	21	4-17	25	4-18	32	9-19	31	10- 9	28	10-24	21	10-25	10	10-25	10	195	195	193	175	154
ECKMAN 2 SE	100	7-11	-31	1-29	4-13	13	4-14	17	4-15	24	4-27	25	5-23	31	9-15	29	9-19	22	9-19	22	10-24	13	10-24	13	194	193	157	145	115
EDGELEY EXP FARM	97	7-11	-29	1-29	4-13	15	4-14	17	4-14	17	5- 9	27	5-16	32	9-23	30	9-26	25	10-24	24	10-25	13	10-25	13	195	194	193	140	130
EDMORE 1 W	99	7-10	-30	1-29	4-13	15	4-13	15	4-17	21	5- 9	28	5-23	30	9-13	31	9-19	26	9-23	23	10-24	12	10-24	12	194	194	159	133	113
ELLENDALE	98	7-28	-26	1-29	4-12	10	4-14	20	4-14	20	4-14	20	5- 9	30	9-26	29	10-24	25	10-25	15	10-25	15	10-25	15	196	194	194	193	140
ENDERLIN	97	7-12	-30	1-30	4-14	14	4-15	18	4-15	18	5- 9	28	5-16	31	9-20	31	9-23	27	10-24	24	10-25	17	10-26	16	195	193	192	137	127
FAIRFIELD	101	8- 6	-28	1-16	4-12	7	4-14	20	4-17	23	4-17	23	5-26	31	9-19	29	10- 7	28	10-24	18	10-24	18	10-25	10	196	193	190	173	116
FARGO WB AP	98	7-11	-27	1-29	4-12	11	4-14	20	4-14	20	5- 9	28	5- 9	28	9-23	30	9-26	28	10-24	22	10-26	18	11- 8	14	210	195	193	140	137
FESSENDEN	102	7-10	-30	1-29	4-13	14	4-13	14	4-27	21	5- 9	27	5-23	32	9-18	32	9-23	27	10-24	20	10-24	20	10-25	10	195	194	180	137	118
FORMAN	97	7-11	-27	1-29	4-12	10	4-14	20	4-14	20	5- 4	28	5-10	32	9-23	30	9-26	28	10-24	23	10-25	16	10-25	16	196	194	193	145	136
FORT YATES	-	-	-27	1-29	4-14	11	4-14	11	4-21	22	4-21	22	-	-	10- 9	31	10-17	25	10-24	23	10-25	13	10-25	13	194	194	186	179	-
FOXHOLM 7 N	102	7-10	-32	1-29	4-14	15	4-14	15	4-27	23	4-27	23	5- 9	32	9-16	32	9-19	26	9-23	24	10-24	15	10-24	15	193	193	149	145	130
FULLERTON	99	7-11	-28	1-29	4-12	10	4-14	17	4-14	17	5- 9	27	5- 9	27	9-16	32	9-26	26	10-25	15	10-25	15	10-25	15	196	194	194	140	130
GACKLE	99	7-10+	-32	1-29	4-13	14	4-13	14	4-14	21	4-17	26	5- 9	29	9-26	28	9-26	28	10-24	20	10-24	20	10-25	11	195	194	193	162	140
GARRISON	101	8- 7	-28	1-24	4-13	15	4-13	15	4-14	22	4-17	26	5-23	32	9-19	28	9-19	28	10- 9	24	10-24	20	10-25	8	195	194	178	155	119
GRAFTON	95	7-10+	-26	1-29	4-12	16	4-14	20	4-14	20	5- 9	28	5-16	32	9-23	28	9-23	28	10-24	18	10-24	18	10-26	16	197	193	193	137	130
GRAND FORKS CAA AP	99	7-10	-28	1-29	4-12	15	4-13	20	4-14	21	4-27	26	5-27	32	9-23	28	9-23	28	10-24	19	10-24	19	11- 8	11	210	194	193	149	119
GRAND FORKS UNIVERSITY	96	7-10+	-30	1-29	4-12	13	4-13	20	4-14	21	4-27	28	5- 9	29	9-20	32	9-23	26	9-26	24	10-24	17	10-26	15	197	194	165	149	134
GRAND RAPIDS 1 N	98	7-11	-32	1-29	4-14	13	4-14	13	4-14	13	5- 9	27	5-23	32	9-16	30	9-23	26	10-25	14	10-25	14	10-25	14	194	194	194	137	116
GRANVILLE	100	7-10	-29	1-24+	4-13	15	4-14	20	4-14	20	4-27	27	5-23	31	9-19	25	9-19	25	9-26	22	10-24	16	10-24	16	194	193	165	145	119
GRENORA	99	7-10+	-31	1-24	4-13	12	4-13	12	4-14	21	5- 9	28	5-26	32	9-18	32	9-19	22	9-19	22	10- 8	19	10-24	16	194	178	158	133	115
HANKINSON RR STATION	96	7-12	-24	1-29+	-	-	-	-	4-15	21	4-15	21	5- 9	32	9-23	29	10-20	28	10-24	24	10-25	19	11- 9	13	-	-	192	188	137
HANNAH	95	7-10	-32	1-29	4-13	13	4-14	20	4-14	20	4-27	25	6- 1	32	9-16	30	9-19	24	9-19	24	9-26	20	10-24	15	194	165	158	145	107
HANSBORO	100	7-10	-31	1-29	4-13	16	4-14	19	4-14	19	5- 9	28	5-23	29	9-16	32	9-19	24	9-19	24	10-24	11	10-24	11	194	193	158	133	116
HETTINGER	100	8- 6	-25	1-25	4-13	15	4-17	20	4-17	20	4-17	20	5-10	29	9-18	32	10-17	26	10-24	19	10-24	19	10-25	11	195	190	190	190	131
HILLSBORO	98	7-10	-27	1-29	4-12	11	4-12	11	4-14	21	5- 4	28	5- 9	30	9-23	31	10- 9	27	10-24	22	10-26	19	11- 9	7	211	197	193	158	137
JAMESTOWN CAA AP	100	7-11	-29	1-29	4-12	12	4-14	18	4-14	18	5- 4	28	5-23	32	9-23	27	9-23	27	10-24	18	10-24	18	10-25	15	196	193	193	142	123
JAMESTOWN STATE HOSP	102	7-11	-29	1-29	4-12	12	4-14	18	4-14	18	4-14	18	5- 9	30	9-23	28	9-23	28	10-24	23	10-25	14	10-25	14	196	194	193	162	137
KENMARE	100	7-11	-26	1-29	4-13	12	4-14	19	4-14	19	4-27	26	4-27	26	9-19	24	9-19	24	9-19	24	10-24	16	10-24	16	194	193	158	145	145
KENSAL WILDLIFE REFUGE	100	7-11	-30	1-29	4-12	10	4-14	20	4-14	20	5- 9	27	5-23	32	9-16	31	9-23	24	9-23	24	10-25	13	10-25	13	196	194	162	137	116
LANGDON EXP FARM	97	7-10	-34	1-29	4-13	14	4-14	18	4-17	21	5- 9	27	5-23	30	9-13	32	9-19	25	9-23	23	10-24	12	10-24	12	194	193	159	133	113
LARIMORE	100	7-10	-29	1-29	4-12	14	4-13	19	4-13	19	5- 9	27	5-27	32	9-23	28	9-23	28	10-24	19	10-24	19	11- 8	14	210	194	194	137	119
LEEDS	102	7-10+	-28	1-24+	4-13	12	4-14	18	4-27	23	5- 4	27	5-23	31	9-13	31	9-19	26	9-23	21	9-26	19	10-24	16	194	165	149	138	113
LINTON	102	7-11	-35	1-29	4-13	10	4-13	10	4-14	21	5- 5	27	5- 9	31	9-13	29	10-17	22	10-17	22	10-24	20	10-25	12	195	194	186	165	127
LISBON	95	7-11+	-30	1-29	4-14	14	4-14	14	4-16	24	5- 9	26	5-27	31	9-20	31	9-23	26	10-24	24	10-25	17	10-26	16	195	194	191	137	116
LOSTWOOD 12 N	-	-	-29	1-24	4-13	9	4-14	19	4-27	23	5- 9	28	5-23	30	9-16	32	9-19	21	9-19	21	10- 9	19	10-24	12	194	178	145	133	116
MADDOCK AGR SCHOOL	104	7-10	-29	1-24+	4-13	14	4-14	19	4-14	19	4-27	26	5-23	30	9-19	29	9-23	27	10- 9	24	10-24	17	10-25	10	195	193	178	149	119
MANDAN EXP STATION	102	8- 2+	-32	1-29	4-13	16	4-14	18	4-14	18	4-16	27	5- 9	31	9-26	26	9-26	26	10-24	20	10-24	20	10-25	12	195	193	193	163	140
MANDAN FT LINCOLN PARK	104	8- 1	-34	1-29	4-14	16	4-14	16	4-14	16	4-14	16	5-22	32	9-16	31	9-26	24	9-26	24	10-24	18	10-25	10	194	193	165	165	117
MARMARTH	-	-	-35	1-26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARMARTH	101	7-11	-	-	4-13	15	4-17	18	4-17	18	5-10	27	5-23	30	9-13	28	9-13	28	10-17	22	10-25	15	10-25	15	195	191	183	126	113
MAX	99	7-11	-30	1-24	4-13	10	4-14	20	4-14	20	4-17	25	5-23	30	9-19	27	9-19	27	10- 9	24	10-24	19	10-25	6	195	193	178	155	119
MAYVILLE	99	7-10	-28	1-29	4-12	14	4-13	18	4-14	22	5- 9	28	5-16	30	9-23	30	9-26	27	10-24	22	10-25	20	11- 9	6	211	195	193	140	130
MC CLUSKY	100	7-10+	-31	1-29	4-13	16	4-14	19	4-14	19	*	-	5-23	30	9-19	28	9-19	28	10-24	18	10-24	18	10-25	10	195	193	193	-	119
MC HENRY 5 N	101	7-10	-33	1-29	4-13	14	4-13	14	4-14	22	5- 9	27	5-23	30	9-16	31	9-23	26	9-26	24	10-24	19	10-25	13	195	194	165	137	116
MC LEOD 3 E	96	7-11	-30	1-29	4-13	16	4-14	20	4-14	20	5-10	27	-	-	9-23	28	9-23	28	10-25	17	10-25	17	10-26	15	196	194	194	136	-
MC VILLE	101	7-10	-32	1-29	4-13	15	4-13	15	4-13	15	5- 9	28	5-27	32	9-16	32	9-23	24	9-23	24	10-24	18	10-25	15	195	194	163	137	112
MEDORA 3 NNE	103	8- 6	-40	1-24	4-17	16	4-17	16	5-10	23	5-23	27	5-24	31	9-13	29	9-16	27	10-10	24	10-25	14	10-25	14	191	191	153	116	112
MINOT CAA AP	100	7-10+	-29	1-29	4-12	11	4-13	18	4-13	18	4-17	27	4-27	30	9-19	27	9-19	27	9-26	23	10-23	20	10-24	10	195	193	166	155	145
MINOT EXP STATION	98	7-11+	-28	1-24	4-13	14	4-13	14	4-14	23	4-17	25	5-23	32	9-15	30	9-19	27	9-26	24	10-24	18	10-25	5	195	194	165	155	115
MOFFIT 4 SE	99	7-11+	-35	1-29	4-13	11	4-14	19	4-16	24	4-27	27	5-16	32	9-13	29	9-16	28	9-26	24	10-17	20	10-25	14	195	186	163	142	120
MOHALL	99	7-10	-26	1-29	4-14	16	4-14	16	4-14	16	4-27	25	5-13	30	9-19	21	9-19	21	9-19	21	10-24	12	10-24	12	193	193	158	145	129
MOTT	102	8- 6	-32	1-29	4-14	15	4-17	17	4-17	17	5-10	25	5-24	32	9-13	31	9-16	27	10-17	21	10-25	12	10-25	12	194	191	183	129	112
MUNICH 4 SW	97	7-10+	-37	1-29	4-14	13	4-27	20	4-27	20	5- 9	27	5-23	30	9-13	29	9-19	22	9-19	22	9-23	20	10-24	8	193	149	145	133	113
NAPOLEON	98	7-10+	-32	1-29	4-13	14	4-13	14	4-14	21	4-16	27	5- 9	29	9-26	28	9-26	28	10-24	22	10-25	12	10-25	12	195	195	193	163	140
NEW ENGLAND	100	8- 6	-27	1-25	4-13	11	4-17	18	4-17	18	5-10	27	5-16	32	9-14	32	10- 9	28	10-17	24	10-24	19	10-25	12	195	190	183	152	121
NEW SALEM 1 S	101	8- 1+	-28	1-29	-	-	4-14	17	4-14	17	4-17	28	5-23	31	9-18	30	9-26	26	10-24	15	10-24	15	10-24	15	-	193	193	162	118
NEWTOWN	100	8- 6	-31	1-24	4-13	13	4-14	20	4-14	20	4-14	20	5-23	31	9-19	27	9-19	27	10-24	15	10-24	15	10-24	15	194	193	193	158	119
OAKES	97	7-12	-27	1-29	4-12	11	4-14	18	4-14	18	4-14	18	5- 9	29	9-16	32	9-26	28	10-25	15	10-25	15	10-25	15	196	194	194	165	130
PARK RIVER	98	7-10+	-26	1-29	4-12	15	4-12	15	4-14	21	4-15	28	5- 9	31	9-23	29	9-26	26	10-24	18	10-24	18	11- 8	16	210	195	193	164	137
PARSHALL	103	8- 6	-34	1-29	4-13	10	4-14	20	4-17	24	5-10	26	6- 1	32	9-13	32	9-19	27	10- 9	24	10-24	18	10-25	3	195	193	175	132	104
PEMBINA	92	7-26	-30	1-29	4-12	10	4-14	17	4-14	17	5- 9	25	5-27	30	9-19	32	9-23	28	9-26	24	10-24	20	10-26	15	197	193	165	137	115
PETERSBURG	99	7-10	-28	1-29	4-13	16	4-13	16	4-14	21	4-27	28	5-23	32	9-19	31	9-23	27	10-24	17	10-24	17	10-25	16	195	194	193	149	119
PETTIBONE	103	7-11	-35	1-29	4-13	15	4-14	20	4-14	20	4-14	20	5-23	30	9-16	31	9-23	28	10-23	23	10-24	20	10-25	11	195	193	192	162	116
PORTAL	100	7-11	-29	1-24+	4-13	14	4-14	20	4-14	20	5- 9	27	5-23	30	9-13	30	9-19	18	9-19	18	9-19	18	10-24	4	194	158	158	133	113
POWERS LAKE 1 N	99	7-10	-34	1-24	4-14	16	4-14	16	4-17	21	4-27	25	6- 1	30	9-13	28	9-13	28	9-19	19	9-19	19	-	-	-	158	155	139	104
RAUB 10 SSW	102	8- 6	-28	1-24	4-13	15	4-13	15	4-14	23	4-17	28	5-23	32	-	-	-	-	-	-	10-24	18	-	-	-	194	-	-	-
RICHARDTON ABBEY	103	8- 6	-29	1-24	4-12	8	4-13	[illegible]	4-14	21	4-17	26	5-23	31	9-18	31	10- 9	24	10- 9	24	10-24	18	10-25	11	196	194	178	175	118
RIVERDALE	98	8- 7	-31	1-29	4-13	16	4-13	16	4-14	23	4-14	23	5- 6	32	9-26	28	9-26	28	10-24	20	10-24	20	10-25	15	195	194	193	165	143
ROLLA	96	7-10	-30	1-24	4-12	14	4-14	20	4-14	20	4-27	26	5-23	32	9-19	27	9-19	27	9-26	24	10-24	13	10-24	13	195	193	165	145	119

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of 16° or below Date	Temp.	20° or below Date	Temp.	24° or below Date	Temp.	28° or below Date	Temp.	32° or below Date	Temp.	First fall minimum of 32° or below Date	Temp.	28° or below Date	Temp.	24° or below Date	Temp.	20° or below Date	Temp.	16° or below Date	Temp.	Number of days between dates 16° or below	20° or below	24° or below	28° or below	32° or below
RUGBY	102	7-10	-29	1-29	4-13	15	4-13	15	4-27	22	4-27	22	-	-	9-16	32	9-19	25	-	-	10-24	15	10-24	15	194	194	-	145	-
SAN HAVEN	97	7-10	-30	1-24	4-13	16	4-13	16	4-14	21	4-27	27	5- 9	32	9-19	26	9-19	26	9-23	24	10-24	13	10-24	13	194	194	162	145	133
SHARON	97	7-10	-30	1-29	4-13	15	4-13	15	4-13	15	5- 9	27	5-27	32	9-23	26	9-23	26	10-24	18	10-24	18	10-25	16	195	194	194	137	119
STANLEY	100	7-10	-28	1-24	4-14	14	4-14	14	4-14	14	4-17	25	5-23	31	9-16	31	9-19	27	10- 9	24	10-24	16	10-24	16	193	193	178	155	116
STEELE	99	7-10+	-33	1-29	4-13	15	-	-	-	-	5- 9	28	5-23	31	9-18	32	9-19	28	10-24	21	10-25	10	10-25	10	195	-	-	133	118
TIOGA 1 E	99	7-11	-31	1-24	4-14	12	4-14	12	4-17	24	5-23	28	5-26	32	9-19	21	9-19	21	9-19	21	10-24	18	10-25	-3	194	193	155	119	116
TOWNER	102	7-10	-30	1-23	4-13	12	4-17	20	-	-	-	-	5-23	31	9-13	29	9-16	28	9-19	19	9-19	19	10-25	8	195	155	-	-	113
TURTLE LAKE	100	7-10	-31	1-29	4-13	14	4-14	20	4-14	20	4-27	28	5-23	31	9-19	27	9-19	27	10- 9	23	10-24	17	10-25	7	195	193	178	145	119
UNDERWOOD	100	8- 7	-31	1-24	4-13	14	4-13	14	4-14	21	4-14	21	5-23	32	9-19	27	9-19	27	10- 9	23	10-24	19	10-25	8	195	194	178	158	119
UPHAM 3 N	101	7-27	-31	1-29	4-13	12	4-14	18	4-27	24	4-27	24	5-23	29	9-13	31	9-19	22	9-19	22	10-24	13	10-24	13	194	193	145	145	113
VALLEY CITY	98	7-10+	-28	1-29	4-12	12	4-13	19	4-14	22	5- 9	28	5-23	32	9-23	27	9-23	27	10-25	17	10-25	17	10-26	16	197	195	194	137	123
VELVA	103	7-11	-29	1-24+	4-13	13	4-14	20	4-17	21	4-27	27	5- 9	31	9-19	25	9-19	25	9-26	21	10-24	19	10-25	8	195	193	162	145	133
WAHPETON STATE SCHOOL	96	7-11+	-27	1-29	4-13	16	4-14	20	4-14	20	5- 9	28	5- 9	28	9-20	32	10-24	25	10-25	18	10-25	18	11- 9	9	210	194	194	168	134
WASHBURN	102	8- 1+	-31	1-29	4-13	16	4-13	16	4-14	22	4-14	22	5- 9	30	9-18	32	-	-	-	-	-	-	-	-	-	-	-	-	132
WATFORD CITY	101	7-10+	-	-	4-13	12	4-13	12	4-17	21	4-17	21	5-23	32	9-19	28	9-19	28	10-24	14	10-24	14	10-24	14	194	194	190	155	119
WATFORD CITY 14 S	102	8- 6	-41	1-24	4-13	11	4-13	11	4-13	11	5-23	27	5-23	27	9-13	29	9-19	25	-	-	10-24	20	10-25	9	195	194	-	119	113
WESTHOPE	100	7-10	-29	1-24+	4-13	12	4-14	19	4-27	24	4-27	24	5-23	29	9-13	32	9-19	20	9-19	20	9-19	20	10-24	8	194	158	145	145	113
WILLISTON WB CITY	101	7-10+	-32	1-24	4-13	16	4-13	16	4-13	16	4-17	26	5-23	32	9-19	28	9-29	28	10-23	24	10-24	9	10-24	9	194	194	193	155	119
WILLISTON EXP FARM	99	7-10+	-36	1-24	-	-	-	-	4-17	22	5-23	28	5-26	32	9-19	24	9-19	24	9-19	24	10-24	11	10-24	11	-	-	155	119	116
WILLOW CITY	103	7-10	-35	1-29	4-14	15	4-14	15	4-27	24	5- 9	26	6- 1	31	9-16	26	9-16	26	9-19	23	9-23	17	10-24	13	193	162	145	130	107
WILTON	-	-	-32	1-29	4-12	8	4-14	20	4-14	20	4-16	28	5-23	31	9-16	31	9-19	25	10- 9	24	10-24	15	10-24	15	195	193	178	156	116
WISHEK	95	7-12	-33	1-29+	4-13	12	4-14	17	5- 5	21	5-16	27	5-27	30	9-13	31	9-14	28	9-26	21	10-17	18	10-25	9	195	186	144	121	109

Table 4

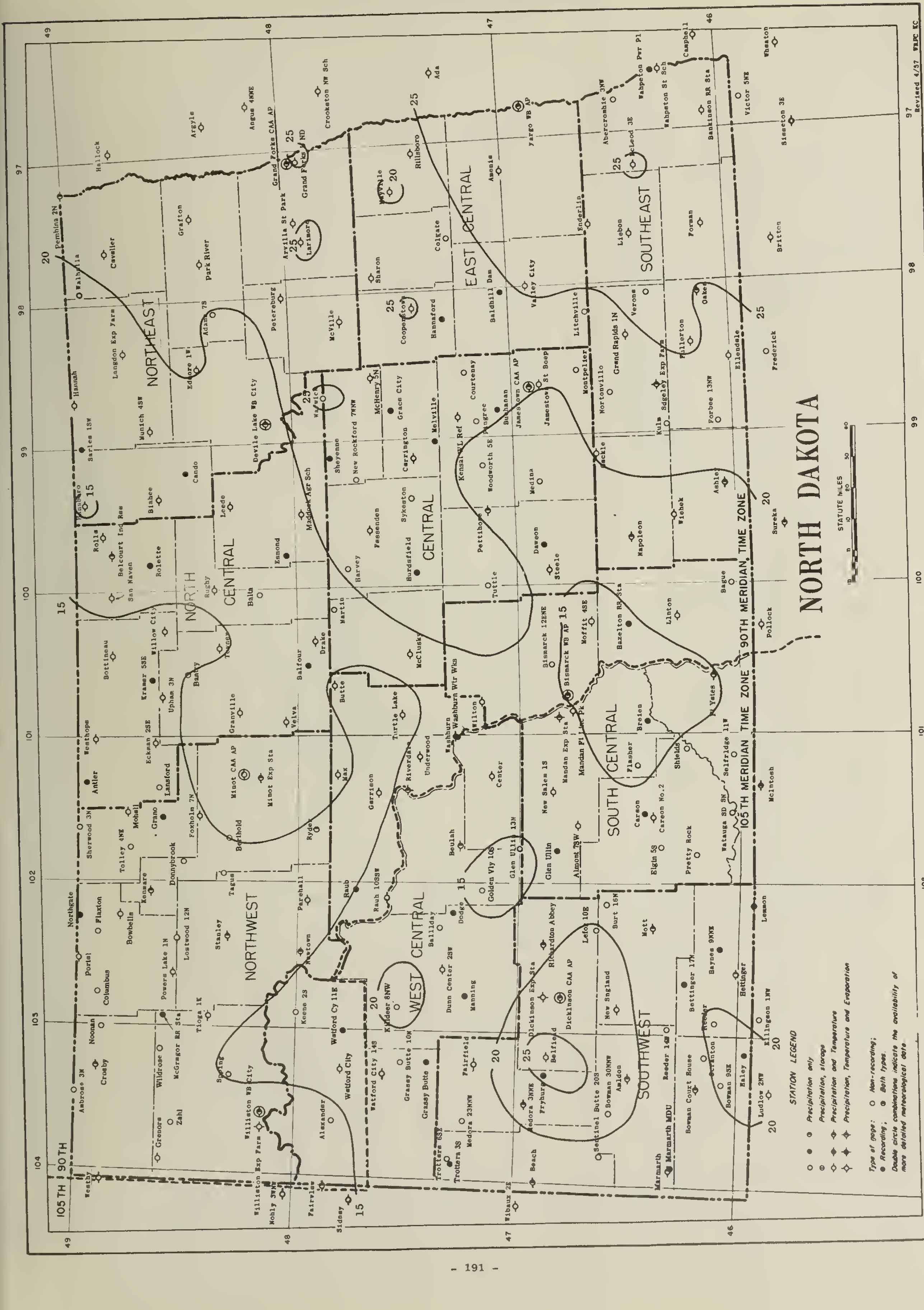
TOTAL EVAPORATION AND WIND MOVEMENT

Station			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEVILS LAKE WB CITY		EVAP	-	-	-	2.65	5.28	4.698	7.58	5.858	2.518	-	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	1960	1888	1114	1336	1294	1284	-	-	-	-
DICKINSON EXP STATION	(A)	EVAP	-	-	-	-	4.86	5.108	6.558	5.64	3.808	-	-	-	-
		DEP	-	-	-	-	-0.75	-0.99	-1.42	-1.61	-1.18	-	-	-	-
		WIND	-	-	-	-	3940	3080	2790	2930	2350	-	-	-	-
EDGELEY EXP FARM		EVAP	-	-	-	4.398	5.86	6.498	8.438	6.678	3.99	-	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	31858	2656	2255	18548	1974	2155	-	-	-	-
MANDAN EXP STATION	(A)	EVAP	-	-	-	2.758	4.738	4.83	6.938	6.458	3.55	-	-	-	-
		DEP	-	-	-	-0.87	-0.61	-1.10	-0.40	-0.12	-0.96	-	-	-	-
		WIND	-	-	-	4126	4236	2735	2752	3472	2895	-	-	-	-
RIVERDALE		EVAP	-	-	-	-	7.96	6.268	9.168	8.08	5.00	-	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	-	4527	2890	2791	3470	3293	-	-	-	-
WILLISTON EXP FARM		EVAP	-	-	-	-	8.928	7.93	10.318	9.24	6.03	-	-	-	-
		DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
		WIND	-	-	-	-	4034	3057	2564	3086	3295	-	-	-	-

(A) PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

TOTAL PRECIPITATION

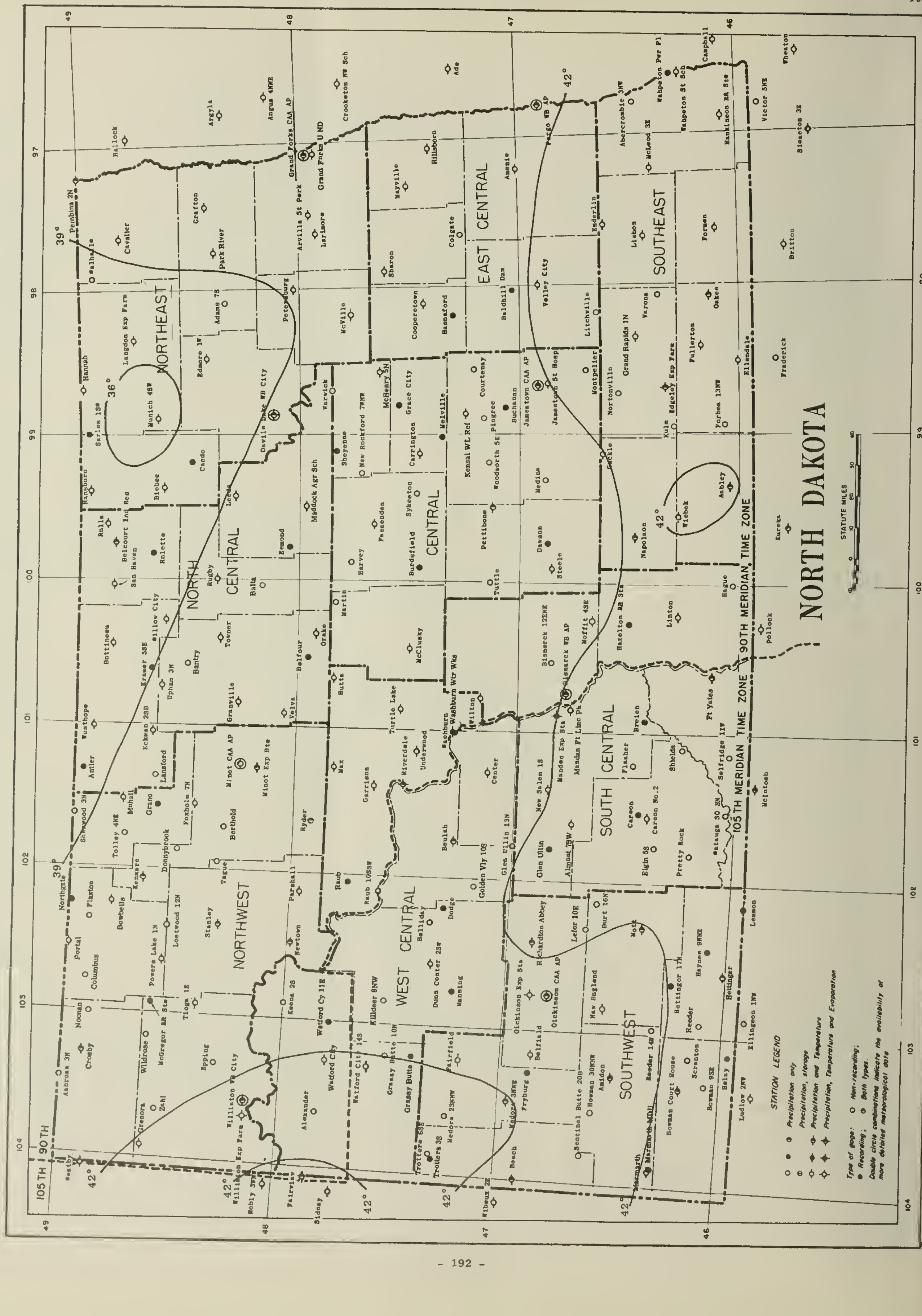
1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

1957



Isolines are drawn through points of approximately equal values.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
							Temp.	Precip.	Evap.	Month opened	Month closed	
ABERCROMBIE 3 NW	0005	RICHLAND	10	46 28	96 47	935		1				2
ADAMS 7 S	0022	WALSH	10	48 20	98 06	1554		–				2
ALEXANDER	0096	MCKENZIE	13	47 50	103 38	2200		16				2
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	15	15				1 2 3
AMBROSE 3 N	0189	DIVIDE	12	49 00	103 28	2027		7				2
AMENIA	0196	CASS	11	47 00	97 13	960	8	8				1 2 3
AMIDON	0209	SLOPE	1	46 29	103 19	2910	36	36				1 2 3 C
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540						C
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	14	14				1 2 3
ASHLEY	0382	MCINTOSH	8	46 02	99 22	2001	62	62				1 2 3 C
BALDHILL DAM	0450	BARNES	11	47 02	98 02	1300						C
BALFOUR	0492	MCHENRY	12	47 57	100 32	1615						C
BALTA	0500	PIERCE	11	48 10	100 02	1550		7				2
BANTRY	0516	MCHENRY	12	48 30	100 36	1458		7				2
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2824	–	–				1 2 3
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1960	13	13				1 2 3
BELFIELD	0639	STARK	4	46 53	103 11	2583	40	40				1 2 3
BERTHOLD	0729	WARD	12	48 19	101 44	2080		7				2
BEULAH	0766	MERCER	6	47 16	101 47	1780		43				1 2 3 C
BISBEE	0796	TOWNER	2	48 37	99 22	1600	55	55				1 2 3
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	18	18				1 2 3 C
BISMARCK 12 ENE	0827	BURLEIGH	8	46 51	100 33	1709		4				2
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1640	66	66				1 2 3
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	32	32				1 2 3
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2980	43	43				1 2 3 C
BOWMAN 9 SE	0998	BOWHAN	3	46 05	103 19	2835		6				2
BOWMAN 30 NNW	1001	SLOPE	7	46 35	103 31	2505		6				2
BREIEN 4 S	1052	SIOUX	1	46 20	100 56	1825						C
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572					OCT	C
BURT 16 N	1216	HETTINGER	1	46 36	102 08	2344		6				2
BUTTE	1225	MCLEAN	12	47 50	100 40	1885	33	33				1 2 3
CANDO	1288	TOWNER	2	48 29	99 12	1481						C
CARRINGTON	1360	FOSTER	5	47 27	99 08	1586	60	60				1 2 3
CARSON	1365	GRANT	4	46 25	101 34	2300						C
CARSON NO 2	1370	GRANT	4	46 25	101 34	2310	46	46				1 2 3
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	22	50				1 2 3
CENTER	1456	OLIVER	8	47 07	101 18	2100	20	20				1 2 3
COLGATE	1686	STEELE	10	47 14	97 39	1180		24				2
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		7				2
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	61	61				1 2 3
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		24				2
CROSBY	1871	DIVIDE	12	48 54	103 18	1952	51	51				1 2 3 C
DAWSON	2018	KIDDER	8	46 52	99 45	1730						C
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	53	82	7			1 2 3 4C
DICKINSON CAA AP	2183	STARK	4	46 47	102 48	2595	17	17				1 2 3 C
DICKINSON EXP STATION	2188	STARK	4	46 53	102 48	2460	66	66	–			1 2 3 4
DODGE	2215	DUNN	6	47 18	102 12	1989						C
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		7				2
DRAKE	2298	MCHENRY	12	47 55	100 22	1634	28	28				1 2 3
DUNN CENTER 2 SW	2365	DUNN	6	47 20	102 38	2232	59	59				1 2 3
ECKMAN 2 SE	2472	BOTTINEAU	12	48 39	101 01	1495	52	52				1 2 3
EDGELEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	57	57	–			1 2 3 4C
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1520	34	34				1 2 3
ELGIN 5 S	2592	GRANT	1	46 21	101 49	2241		7				2
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	59	59				1 2 3
ENDERLIN	2695	RANSOM	11	46 37	97 36	1120	5	5				1 2 3
EPPING	2735	WILLIAMS	8	48 17	103 21	2224		49				2
ESMOND	2767	BENSON	11	48 02	99 46	1650						C
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750	2	30				1 2 3
#FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	77	77				1 2 3 C
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	46	46				1 2 3
FLASHER	3009	MORTON	1	46 27	101 14	1930		8				2
FLAXTON	3019	BURKE	12	48 54	102 23	1940		7				2
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	1988		6				2
FORMAN	3117	SARGENT	10	46 06	97 39	1249	66	66				1 2 3
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	58	58				1 2 3 C
FOXHOLM 7 N	3217	WARD	12	48 27	101 34	1609	33	37				1 2 3
FRYBURG 1 SSE	3277	BILLINGS	4	46 53	103 18	2775						C
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	60	60				1 2 3
GACKLE	3309	LOGAN	5	46 38	99 08	1951	27	27				1 2 3
GARRISON	3376	MCLEAN	8	47 38	101 25	1911	81	81				1 2 3
GLEN ULLIN	3496	MORTON	4	46 49	101 49	2090						C
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		7				2
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		7				2
GRACE CITY	3583	FOSTER	5	47 33	98 48	1495						C
GRAFTON	3594	WALSH	10	48 25	97 25	827	66	66				1 2 3
#GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	17	17				1 2 3 C
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	67	67				1 2 3
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 28	98 21	1360	7	7				1 2 3
GRANO	3676	RENVILLE	12	48 37	101 35	1625						C
GRANVILLE	3686	MCHENRY	12	48 16	100 51	1504	51	51				1 2 3
GRASSY BUTTE	3696	MCKENZIE	7	47 24	103 14	2660						C
GRASSY BUTTE 10 N	3701	MCKENZIE	7	47 31	103 14	2497		6			OCT	2
GRENORA	3736	WILLIAMS	8	48 37	103 56	2114	49	49				1 2 3
HAGUE	3826	EMMONS	8	46 02	100 00	1898		3				2
HALEY	3836	BOWMAN	3	45 58	103 08	2651						C
HALLIDAY	3846	DUNN	6	47 21	102 20	2048		16				2
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	29	29				1 2 3
HANNAFORD	3926	GRIGGS	11	47 18	98 12	1428						C
HANNAH	3936	CAVALIER	9	48 50	98 41	1570	64	64				1 2 3
HANSBORO	3963	TOWNER	9	48 57	99 23	1600	50	50				1 2 3
HARVEY	4013	WELLS	11	47 46	99 55	1595		55				2
HAYNES 13 NNE	4073	ADAMS	1	46 08	102 21	2400						C
HAZELTON R R STATION	4083	EMMONS	8	46 29	100 17	1978						C
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	51	51				1 2 3
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	2610						C
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	52	52				1 2 3
HURDSFIELD	4343	WELLS	5	47 27	99 55	1915						C
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	17	17				1 2 3 C
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 41	1457	66	66				1 2 3
KEENE 2 S	4571	MCKENZIE	8	47 54	102 56	2346		7				2
KENMARE	4646	WARD	12	48 40	102 05	1800	26	26				1 2 3 C
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 16	98 52	1451	17	17				1 2 3
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		7				2
KRAMER 5 SE	4823	BOTTINEAU	12	48 39	100 37	1457						C
KULM	4843	LA MOURE	5	46 18	98 57	1970		6				2
LANGDON EXP FARM	4958	CAVALIER	9	48 45	98 20	1615	62	62				1 2 3
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		7				2
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	65	65				1 2 3
LEEDS	5078	BENSON	2	48 17	99 26	1515	17	17				1 2 3
LEFOR 10 E	5088	STARK	4	46 38	102 21	2545		7				2
LINTON	5210	EMMONS	8	46 16	100 14	1685	41	41				1 2 3
LISBON	5220	RANSOM	11	46 26	97 42	1089	54	54				1 2 3
LITCHVILLE	5230	BARNES	11	46 39	98 11	1467		6				2
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6	6				1 2 3
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	43	43				1 2 3
MANDAN EXP STATION	5479	MORTON	4	46 48	100 54	1750	44	44	–			1 2 3 4C
MANDAN FT LINCOLN PARK	5484	MORTON	8	46 45	100 52	1674	14	14				1 2 3
MANNING	5519	DUNN	6	47 14	102 46	2219						C
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	44	48				1 2 3
MARMARTH	5575	SLOPE	7	46 18	103 55	2710	45	49			APR	1 2 3 C
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		7			SEPT	2
MAX	5638	MCLEAN	8	47 49	101 18	2093	29	29				1 2 3
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	62	62				1 2 3
MCCLUSKY	5710	SHERIDAN	8	47 29	100 28	1943	33	40				1 2 3
MCGREGOR R R STATION	5720	WILLIAMS	8	48 36	102 56	2221						C
MCHENRY 5 N	5730	EDDY	11	47 38	98 35	1509	35	35				1 2 3
MCLEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	46	46				1 2 3
MCVILLE	5764	NELSON	10	47 46	98 10	1467		14				2
MEDINA	5798	STUTSMAN	8	46 53	99 19	1795		17				2
MEDORA 3 NNE	5813	BILLINGS	7	46 58	103 30	2250	–	–				1 2 3
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		6				2
MELVILLE	5833	FOSTER	5	47 20	99 02	1625						C
MINOT CAA AP	5988	WARD	12	48 15	101 17	1722	62	62				1 2 3
MINOT EXP STATION	5993	WARD	12	48 10	101 18	1720	12	12				1 2 3 C
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760	4	15				1 2 3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	64	64				1 2 3
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	1379		17				2
MOTT	6155	HETTINGER	1	46 23	102 20	2420	51	51				1 2 3 C
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	10	10				1 2 3
NAPOLEON	6255	LOGAN	8	46 30	99 46	1955	66	66				1 2 3 C
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	66	66				1 2 3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		8				2
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	54	54				1 2 3
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	5	5				1 2 3 C
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		7				2
NORTHGATE	6535	BURKE	12	49 00	102 16	1850						C
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	1508		6				2
OAKES	6620	DICKEY	5	46 08	98 05	1320	29	29				1 2 3 C
PARK RIVER	6857	WALSH	10	48 23	97 45	998	54	54				1 2 3
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	26	43				1 2 3
PEMBINA	6947	PEMBINA	10	48 58	97 14	780	84	84				1 2 3 C
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	14	27				1 2 3
PETTIBONE	7047	KIDDER	8	47 07	99 31	1855	49	49				1 2 3 C
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		5			OCT	2
PORTAL	7201	BURKE	12	49 00	102 33	1954	44	44				1 2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	32	53				1 2 3
PRETTY ROCK	7311	GRANT	1	46 10	101 51	2480		17				2
RAUB	7405	MCLEAN	8	47 44	102 04	1885						C
RAUB 10 SSW	7408	MCLEAN	8	47 36	102 06	1958	64	64				1 2 3
REEDER	7450	ADAMS	3	46 06	102 57	2810		7				2
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2784		8				2
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2470	42	42				1 2 3 C
RIVERDALE	7585	MCLEAN	8	47 30	101 21	1950	–	–	–			1 2 3 4C
ROLETTE	7655	ROLETTE	12	48 40	99 50	1630						C
ROLLA	7664	ROLETTE	2	48 52	99 37	1819	20	20				1 2 3
RUGBY	7704	PIERCE	12	48 22	100 00	1560	10	29				1 2 3
RYDER	7749	WARD	8	47 55	101 40	2108		29				2 C
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6	6				1 2 3
SARLES 1 SW	7844	TOWNER	9	48 56	99 00	1602						C
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		5			SEPT	2
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	–		21				2
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	2662		6				2
SHARON	7986	STEELE	10	47 36	97 54	1516	31	34				1 2 3
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		10				2
SHEYENNE	8057	EDDY	11	47 50	99 07	1480						C
SHIELDS	8065	GRANT	1	46 14	101 07	1806		7				2
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	20	20				1 2 3 C
STEELE	8366	KIDDER	8	46 51	99 55	1857	64	64				1 2 3
SYKESTON	8608	WELLS	5	47 28	99 24	1634		6				2
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		29				2
TIOGA 1 E	8737	WILLIAMS	8	48 24	102 55	2245		29				1 2 3
TOLLEY	8764	RENVILLE	12	48 43	101 50	1848		7				2
TOWNER	8792	MCHENRY	12	48 21	100 24	1482	56	56				1 2 3
TROTTERS 6 SE	8807	GOLDEN VALLEY	7	47 18	103 52	2434		32				2
TROTTERS 3 S	8812	GOLDEN VALLEY	13	47 17	103 54	2420						C
TURTLE LAKE	8840	MCLEAN	8	47 31	100 53	1899	44	44				1 2 3
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		49				2
UNDERWOOD	8872	MCLEAN	8	47 27	101 08	2026	5	5				1 2 3
UPHAM 3 N	8913	MCHENRY	12	48 37	100 44	1425	17	17				1 2 3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	53	53				1 2 3
VELVA	8990	MCHENRY	12	48 03	100 55	1511	31	31				1 2 3
VERONA	9035	LA MOURE	5	46 22	98 05	1382		17				2
WAHPETON POWER PLANT	9095	RICHLAND	10	46 17	96 36	962						C
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	66	66				1 2 3
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		17				2
WARWICK	9185	BENSON	11	47 51	98 42	–		6				2
WASHBURN	9195	MCLEAN	8	47 17	101 02	1770	55	55				1 2 3
WASHBURN WATERWORKS	9205	MCLEAN	8	47 17	101 02	1730						C
WATAUGA S D 8 N	9219	GRANT	1	46 02	101 34	2074		7				2
WATFORD CITY	9233	MCKENZIE	8	47 48	103 17	2100	45	45				1 2 3
WATFORD CITY 11 E	9238	MCKENZIE	8	47 47	103 02	2130						C
WATFORD CITY 14 S	9246	MCKENZIE	7	47 36	103 17	1965	5	6				1 2 3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	52	52				1 2 3
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		28				2
#WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 37	1877	79	79				1 2 3 C
WILLISTON EXP FARM	9430	WILLIAMS	8	48 09	103 41	2105	1	1	1			1 2 3 4
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	66	66				1 2 3
WILTON	9455	MCLEAN	8	47 09	100 48	2171	23	23				1 2 3
WISHEK	9515	MCINTOSH	8	46 16	99 34	2010	37	37				1 2 3
WOODWORTH	9575	STUTSMAN	5	47 09	99 18	2041		6				2
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		7				2

‡ DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

Additional information regarding the climate of North Dakota may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Long-term means for full-time stations (those with Weather Bureau, Weather Bureau Airport, or Weather Bureau City in the station name) are based on the period 1921-1950 adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin, became effective with data for August 1956.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

-	No record
+	Also later date (dates) or months.
*	Amount included in following measurement.
V	Includes total for previous month. V in annual column means total is for a two-year period.
//	Gage is equipped with a windshield.
#	Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
B	Adjusted to full month.
C	Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
E	Amount is wholly or partially estimated.
M	One or more days' record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

USCOMM-WB-Asheville -- 2-15-58 -- 1000

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